ONTARIO MINISTRY OF ENVIRONMENT
36936000025941

AIR QUALITY MONITORING REPORTS 1979

Volume 4

LIBRARY COPY
SEP - 3 1981
MINISTRY OF THE ENVIRONMENT

Ontario
Ministry of the Environment
Hon. Harry C. Parrott, D.D.S., Minister
Graham W. S. Scott, Q.C., Deputy Minister

TD
883.7
.O57
A37
1979
vol 4

Air quality monitoring report :
Ontario, 1979.

82441

AIR QUALITY MONITORING REPORT

ONTARIO 1979

VOL.4

Ontario

Ministry of the Environment

Hon. Harry C. Parrott, D.D.S., Minister

Graham W. S. Scott, Q.C., Deputy Minister

Volume 4

CONTENTS

Station Number	Location	Page
Total Reduced Sulphur		
14062	242 Indian Rd., S., Sarnia	1
18001	MacKenzie, RR2, Tiverton	8
18007	Concession Rd 2, Lot A, Tiverton	12
22903	Cheapside Rd/Walpole Conc. 5, Nanticoke	16
22904	Walpole South PS, Sandusk Rd., Nanticoke	22
22905	Nanticoke Rd/Walpole Conc. 5, Nanticoke	28
29008	North Park, Hamilton	35
29025	Barton-Wentworth, Hamilton	42
56051	Memorial Park, Cornwall	48
56068	435 Second St. W., Cornwall	55
61026	56 King St., Dryden	62
62030	Portage/Church, Fort Frances	68
62032	Cemetery, Colonization Rd., Fort Frances	75
63046	Montreal St., Thunder Bay	82
Carbon Monoxide		
12008	467 University Ave., Windsor	88
14064	Centennial Park, Front St./CN Tracks, Sarnia	95
15001	King - Rectory, London	102
22901	100 M S. Hwy 59, Long Point Provincial Park	109
22902	Tyneside/Chippewa Rd., Binbrook West	115
26029	Edna/Frederick St., Kitchener	121
27037	North/Geneva St., St. Catharines	128
29025	Barton - Wentworth, Hamilton	135
31001	67 College St., 5th Floor, Toronto	142
31049	Mission, 381 Yonge Street, Toronto	149
31090	67 College St., 2nd Floor, Toronto	156
31105	Sherbourne/Wilton, Toronto	163
33003	Lawrence - Kennedy, Scarborough	170
34002	Science Centre, Don Mills, North York	177
34007	Bathurst - Wilson, Noth York	184
35003	Elmcrest Rd., Etobicoke	191
35033	Evans - Arnold, Etobicoke	198
44010	1298 Rebecca St., Oakville	205
45025	Ritson Rd./Olive Ave., Oshawa	212
46110	Queensway West/Hurontario St., Mississauga	219
51001	McDonald Gardens, Ottawa	226
56051	Memorial Park, Cornwall	233
77016	Ash Street, Sudbury	240

Station Number	Location	Page
Reactive Hydrocarbons		
14901	Riverside Blvd., Mobile Station, Corunna	247
22903	Cheapside Rd/Walpole Conc. 5, Nanticoke	252
22904	Walpole South PS, Sandusk Rd., Nanticoke	257
22905	Nanticoke Rd./Walpole Conc. 5, Nanticoke	263
27037	North/Geneva St., St. Catharines	267
29008	North Park, Hamilton	271
29025	Barton-Wentworth, Hamilton	275
31001	67 College St., 5th Floor, Toronto	280
Total Hydrocarbons		
12008	467 University Ave., Windsor	286
14064	Centennial Park, Front St./CN Tracks, Sarnia	291
14901	Riverside Blvd, Mobile Station, Corunna	298
15001	King - Rectory, London	303
22903	Cheapside Rd/Walpole Conc. 5, Nanticoke	310
22904	Walpole South P.S., Sandusk Rd., Nanticoke	316
22905	Nanticoke Rd/Walpole Conc. 5, Nanticoke	322
31001	67 College St., 5th Floor, Toronto	325
33003	Lawrence - Kennedy, Scarborough	332
34002	Science Centre, Don Mills, North York	339
34007	Bathurst - Wilson, North York	346
35003	Elmcrest Rd., Etobicoke	353
35033	Evans - Arnold, Etobicoke	360
44010	1298 Rebecca St., Oakville	367
Ozone		
10001	College of Agricultural Tech., Huron Park	374
12008	467 University Ave, Windsor	381
13021	MOE Pump Stn., Middle Rd., Merlin	388
14064	Centennial Park, Front St/CN Tracks, Sarnia	395
14118	PUC Water Pump Stn., Hwy 21, Petrolia	402
14901	Riverside Blvd, Mobile Station, Corunna	409
15001	King - Rectory, London	412
18001	MacKenzie, RR2, Tiverton	419
18007	Concession Rd 2, Lot A, Tiverton	424
22071	Experimental Farm, Simcoe	428
22901	100M S. Hwy 59, Long Point Provincial Park	435
22902	Tyneside/Chippewa Rd., Binbrook West	442
26029	Edna/Frederick St., Kitchener	448
27037	North/Geneva St., St. Catharines	455
29025	Barton-Wentworth, Hamilton	461
31001	67 College St., 5th Floor, Toronto	468
31105	Sherbourne/Wilton, Toronto	475
33003	Lawrence-Kennedy, Scarborough	482
34002	Science Centre, Don Mills, North York	489

Station Number	Location	Page
35003	Elmcrest Rd., Etobicoke	496
35033	Evans-Arnold, Etobicoke	503
44008	Hwy 2/North Shore Blvd E., Burlington	510
44010	1298 Rebecca St., Oakville	515
45025	Ritson Rd/Olive Ave., Oshawa	522
45125	Natural Resources Bldg., Orono	529
46110	Queensway West/Hurontario St., Mississauga	536
48002	MTC Yard, Stouffville	543
51001	McDonald Gardens, Ottawa	550
56051	Memorial Park, Cornwall	557
71057	Michipicoten Ave., Lot 38, Town of Mission	564
77016	Ash Street, Sudbury	568

Digitized by the Internet Archive
in 2015

https://archive.org/details/airqualitymonito25941

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	****	****	2	2	2	2	2	2	2	2	2	3	3	1
3	4	5	5	6	5	8	9	7	4	3	3	3	3	3	3	3	3	3	3	3	1	1	1	1	4
4	1	1	1	1	1	1	2	3	3	1	1	1	2	3	2	2	2	1	1	1	1	1	1	1	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0
6	0	0	0	1	1	1	1	0	0	0	5	6	5	4	3	2	2	1	0	0	0	0	0	0	1
7	0	0	0	0	1	0	0	0	0	0	3	4	1	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	1	1	1	1	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
10	0	0	0	0	0	2	3	1	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	****	0	2	8	1	1	1	1	1	1	1	1	1	1	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	2	4	3	0	0	0	0	0	0	0	0	0	0	0	0
14	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	5	6	5	3	2	1
16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	******
17													- DATA INVALID -												
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	******
19	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	1	1	1	0
20	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
21	0	4	4	5	5	4	3	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0
23	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	****	4	5	4	4	3	3	2	2	1
24	2	2	2	2	2	1	0	0	0	0	0	1	2	1	****	0	2	3	3	3	3	3	2	2	2
25	2	2	2	1	1	1	1	2	2	1	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1
27	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	4	6	6	6	5	4	4	4	3	3	2	2	2	2	2	2	2	2	2	3
29	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 91.9 PERCENTAGE OF DATA INVALID - 8.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
3	0	0	0	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	6	6	4	4	4	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	******
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	******
9	7	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1
10	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	1	2	3	2	0	0	0	0	0	0	1	1	1	1	1	1	0	1
20	0	0	0	0	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	****	1	1	2	1	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	3	1	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	2	4	5	6	5	4	3	2	2	2	2	2	2	3	5	6	3	3	3
28	4	3	2	0	2	2	2	4	5	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MEAN	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 4.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0	0
5	0	0	1	1	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	****	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	****	0	0	0	0	0	0	0	0
9	0	1	2	1	1	3	3	3	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
10	0	2	1	0	0	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
14	1	1	0	0	0	0	0	0	0	0	0	1	4	5	4	3	2	2	1	1	1	1	0	0	1
15	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	1	1	1	0	0	2	3	3	1	1	1	1	1	0	1	0	1	3	1	1	1	1
17	0	1	2	3	5	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1
18	1	0	0	0	1	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
20	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2	0
21	2	3	4	2	1	0	2	2	1	2	2	2	2	1	1	1	0	0	1	1	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	1	0	0	2	1	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	****	2	2	2	2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	2	3	2	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	****	****	****	****	****	****	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	1	4	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14	0	0	0	0	0	2	2	1	1	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0
18	2	2	1	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
20	1	1	1	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	1	1	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	0	1	2	2	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	0
23	1	1	2	2	0	1	1	3	****	5	2	1	0	0	0	0	0	1	0	0	0	0	0	0	1
24	1	1	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	2	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	1	2	3	1	1	2	2	3	1	0	0	0	0	0	0	1
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	****	0	1	1	1	0	0	0	0	****	1	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	****	1	1	1	1	0	0	0	0	0	2	3	2	1	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	1	3	1	1	2	1	2	0	0	0	0	1	0	0	0	0	0	0	1	1	4	1
10	3	1	0	0	0	2	1	****	****	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0
11	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	1	2	3	3	2	1	2	2	2	2	2	1	2	2	2	2	2	1	1	1	1	2
14	1	1	1	1	1	1	1	****	-	1	1	1	2	2	2	2	1	1	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
16	0	0	0	0	1	1	1	0	0	****	0	0	1	1	1	0	0	0	0	1	6	4	1	0	1
17	5	8	4	1	0	0	0	0	****	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
21	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
23	5	0	0	0	0	0	2	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0
29	****	0	4	3	5	4	3	4	7	6	5	4	2	****	****	0	0	0	0	0	0	0	****	****	2
30	****	0	0	0	0	0	0	0	0	0	0	0	3	3	3	1	0	0	0	0	0	0	0	2	1
31	5	5	3	0	0	1	****	****	****	****	0	0	****	0	0	0	1	1	1	1	1	1	1	1	1
MEAN	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.4

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 3.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	2	5	6	6	****	****	****	****	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	1	2	5	3	2	3	3	2	2	2	2	2	****	****	****	0	0	0	1
3	1	3	3	3	2	3	3	4	6	5	4	4	0	0	0	0	0	0	0	0	0	1	3	8	2
4	5	5	6	5	1	1	4	5	4	2	****	****	****	****	****	0	0	0	0	2	4	0	0	2	2
5	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	2	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	2	0
13	9	8	7	8	8	2	0	0	2	2	1	1	****	0	0	0	0	0	1	0	0	0	0	0	2
14	0	0	0	0	0	0	0	0	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	*****
15	0	0	0	0	0	0	0	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
16	1	0	2	2	2	0	2	4	1	1	1	1	1	2	1	2	2	1	1	0	0	0	0	0	1
17	0	0	0	1	1	1	1	1	2	2	1	1	1	1	2	1	1	1	1	0	0	0	0	0	1
18	0	0	0	0	0	0	0	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	1	2	3	3	2	1	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	****	****	****	****	1	1	1	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
22	0	0	1	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	0
26	1	1	1	1	1	1	2	2	****	****	****	****	****	1	1	2	2	1	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	1	3	3	2	2	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	1	0	1	1	1	1	2	3	3	3	3	3	2	2	1	0	0	0	0	0	1
30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0.5

PERCENTAGE OF DATA VALID - 92.5 PERCENTAGE OF DATA INVALID - 7.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3	0
3	3	4	7	7	6	3	2	1	2	2	3	3	2	2	2	2	1	0	0	0	0	0	0	0	2
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
6	1	1	0	0	2	2	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	1	2	0
7	2	4	4	3	2	2	2	2	1	2	2	2	1	1	0	0	0	0	0	0	0	1	1	1	1
8	2	1	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	1
9	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	1	0	1	0	0	1	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	2	3	3	3	2	1	1	****	****	****	****	0	0	1	1	2	3	0	0	2	4	3	0	2
12	0	0	0	0	0	0	0	2	0	0	0	****	0	0	0	1	1	0	0	0	0	1	1	1	0
13	0	1	1	0	0	0	0	1	2	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	1
14	0	0	1	1	1	1	1	5	3	5	3	3	3	2	2	3	3	2	2	2	2	1	2	1	2
15	0	0	0	0	0	0	0	0	2	3	2	0	0	0	0	0	0	0	0	0	0	0	1	3	0
16	7	1	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0
19	2	1	1	1	1	0	1	3	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
20	1	2	2	2	1	5	7	5	1	2	2	2	0	0	0	0	0	0	0	0	0	0	1	3	2
21	3	4	9	7	7	9	3	2	2	6	4	2	2	2	2	1	2	2	1	1	0	0	0	2	3
22	2	2	3	3	4	3	2	4	4	5	4	3	1	1	1	2	2	2	2	2	2	1	1	0	2
23	0	0	0	0	1	1	1	1	1	2	2	2	2	2	2	3	3	2	1	2	0	0	0	0	1
24	0	0	0	0	2	2	2	2	1	2	2	2	1	2	2	2	2	2	2	1	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	****	****	4	4	3	3	3	3	3	4	4	6	2
26	3	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	1	1	1	1	1	1	1
27	1	2	3	2	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
30	2	2	1	2	2	1	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	1	1	0	0	1	1	1	1	1	1	1	3	2	1	0	0	0	0	0	0	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0.9

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	1	0	0	2	4	5	3	1
3	1	1	2	3	3	0	2	3	4	4	3	2	1	1	1	1	1	1	1	1	0	0	1	2	2
4	5	4	5	1	1	1	2	2	3	4	4	2	1	1	1	1	2	2	2	3	1	1	1	2	2
5	3	3	3	3	2	0	0	0	3	2	3	2	2	1	1	1	2	3	3	4	4	2	2	2	2
6	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1
7	2	2	2	1	1	1	1	1	0	0	1	0	0	0	****	1	2	3	2	2	1	0	0	0	1
8	1	6	9	8	5	6	7	6	4	4	3	3	3	3	3	2	1	1	2	2	3	3	2	2	4
9	0	0	0	0	1	2	5	1	2	2	2	1	2	2	****	0	0	0	0	1	1	1	1	1	1
10	1	2	2	0	0	0	1	1	1	2	2	0	1	1	1	0	0	0	1	1	1	1	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	3	6	7	7	7	1
13	5	5	5	4	3	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2
14	0	0	0	0	0	0	0	0	0	0	0	****	2	2	****	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	****	1	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	2	2	1	0	0	2	0	0	0	0
17	0	0	1	2	1	0	0	2	2	2	2	0	1	1	2	2	1	0	0	0	1	1	1	1	1
18	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	1	1	2	2	2	2	3	2	2	2	2	1	1	1	1	1	0	0	1
21	0	0	0	0	0	1	1	2	2	2	2	2	2	1	1	1	0	0	0	0	0	1	2	1	1
22	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	******
23	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	******
24	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	2	2	3	3	2	2	2	2	2
25	1	0	0	2	6	2	3	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0
27	3	1	1	1	2	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	2	3	2	2	3	1
30	1	3	2	0	0	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 95.3 PERCENTAGE OF DATA INVALID - 4.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	2	0	0	0	0	0	0
3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	1	1	1	1	1	2	2	0	0	0	0	****	****	0	0	0	0	0	0	1	1	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	2	0	0	0	0	2	0
12	5	4	3	3	1	0	0	0	1	0	0	0	0	****	****	****	****	****	****	****	****	****	0	0	******
13	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
20	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 96.3 PERCENTAGE OF DATA INVALID - 3.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	******
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 56.0 PERCENTAGE OF DATA INVALID - 44.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	3	3	2	2	1	1	2	2	2	******
9	1	1	1	3	7	8	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0
11	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	1	5	5	5	2	0	0	0	0	0	0	1	2	2	3	2	3	2	1	1
13	0	0	0	0	0	0	0	2	3	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	1
14	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	2	2	1	2	0
15	0	0	0	0	0	0	0	0	0	0	0	0	2	2	****	****	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	1	1	3	3	3	3	3	3	3	3	2	2	2	2	1
17	2	2	2	2	4	3	2	2	6	6	4	2	2	2	2	3	2	4	8	10	9	4	5	6	4
18	4	4	20	29	15	5	3	0	0	0	0	0	3	2	4	4	3	3	3	3	3	4	4	3	5
19	0	1	2	1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	1	2	1	2	5	4	3	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	2	2	2	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	1	0	0	0	0	1	1	1	1	2	2	1	2	1	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	0	0	0	2	0
27	2	2	3	4	1	2	1	2	2	2	0	0	0	0	0	1	1	1	2	2	2	2	1	1	1
28	2	2	2	1	1	0	0	0	1	0	0	0	0	2	3	3	5	5	6	5	5	7	5	4	2
29	0	0	3	3	0	0	0	0	0	0	0	****	****	****	0	0	0	0	1	2	1	1	0	0	1
30	0	0	0	0	2	1	3	4	4	3	2	0	2	3	4	4	4	2	1	2	1	2	2	0	2
MEAN	1	1	2	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 73.3 PERCENTAGE OF DATA INVALID - 26.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	2	4	3	2	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	1
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	******
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	1	****	****	1	0	0	0	0	0
8	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	****	****	0
9	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	2	2	0	0	0	1	2	1	2	2	1	0	0	****	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	2	1	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0
17	2	1	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	2	0
18	2	0	0	0	1	4	3	1	4	6	1	2	1	1	1	1	0	0	0	1	1	1	1	1	1
19	2	1	1	1	2	1	1	1	1	2	2	2	2	1	0	1	****	4	3	3	2	2	2	2	2
20	3	3	2	2	2	2	3	4	3	4	2	3	5	4	4	4	4	4	3	3	3	3	3	3	3
21	4	4	3	4	4	4	4	4	4	5	5	5	6	6	5	5	5	6	6	5	5	5	4	4	5
22	5	4	4	4	4	4	4	3	3	3	3	3	6	7	7	6	5	5	4	4	4	4	3	3	4
23	4	4	4	4	3	3	3	3	3	3	2	2	7	6	6	6	5	5	5	4	3	3	2	2	4
24	2	2	2	1	1	1	1	1	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	******
25												- DATA INVALID -													
26												- DATA INVALID -													
27	****	****	3	1	1	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	3	3	1
29	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4	5	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 76.5 PERCENTAGE OF DATA INVALID - 23.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	0.8	4	9
FEB	26	0.3	3	7
MAR	31	0.3	1	5
APR	30	0.2	1	5
MAY	31	0.4	2	8
JUN	29	0.5	2	9
JUL	31	0.9	3	9
AUG	29	0.9	4	9
SEP	29	0.1	1	5
OCT	17	0.0	0	0
NOV	22	1.1	5	29
DEC	24	0.9	5	7
YEAR	327	0.5	5	29

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 14062 242 INDIAN ROAD SOUTH, SARNIA

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	684	0	0	0	0	0	0	0	684
FEB	643	0	0	0	0	0	0	0	643
MAR	738	0	0	0	0	0	0	0	738
APR	706	0	0	0	0	0	0	0	706
MAY	717	0	0	0	0	0	0	0	717
JUN	666	0	0	0	0	0	0	0	666
JUL	733	0	0	0	0	0	0	0	733
AUG	709	0	0	0	0	0	0	0	709
SEP	693	0	0	0	0	0	0	0	693
OCT	417	0	0	0	0	0	0	0	417
NOV	525	2	0	1	0	0	0	0	528
DEC	569	0	0	0	0	0	0	0	569
YEAR	7800	2	0	1	0	0	0	0	7803

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 50	70	90	95	98	99	MAX	ARITH MEAN
89.1	0	0.0	0.0	0.0	0.0	1.5	2.5	4.0	5.1	29	0.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18001 MACKENZIE RR 2 TIVERTON MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18001 MACKENZIE RR 2 TIVERTON MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	******
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	-	****	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	****	-	-	-	-	-	-	-	-	-	-	-	******
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 1.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - 5W NO 18001 MACKENZIE RR 2 TIVERTON MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11	-	-	-	-	-	-	-	-	-	-	-	-	****	0	0	0	0	0	0	0	0	0	0	0	******
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 64.7 PERCENTAGE OF DATA INVALID - 5.3 PERCENTAGE OF DATA UNAVAILABLE - 30.0

NOTES 1. "****" INDICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - 5W NO 18001 MACKENZIE RR 2 TIVERTON MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	****	****	0	0	1	1	2	2	1	1	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	D	0	0	0	0	0	D 0

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.D

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18001 MACKENZIE RR 2 TIVERTON MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	****	-	0	0	0	0	0	0	0	0	0	0	0	0	0
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	1	7	7	6	7	9	10	10	******
22	10	10	10	11	11	9	4	5	5	5	5	5	4	4	5	4	3	1	0	0	1	2	2	3	5
23	4	4	4	4	4	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
24	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	5	5	5	5	5	5	4	4	4	2
28	4	4	4	4	4	3	3	2	2	3	3	****	0	0	0	2	2	3	3	4	5	4	5	5	3
29	4	5	5	5	5	5	4	4	3	3	3	4	5	5	4	4	5	5	5	6	6	5	5	5	5
30	6	6	7	6	5	5	4	3	2	2	1	2	2	2	2	2	3	4	5	4	3	3	3	4	4
MEAN	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 2.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18001 MACKENZIE RR 2 TIVERTON MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	4	5	4	4	3	3	3	4	4	3	3	3	2	2	2	2	2	1	2	3
2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	****	-	-	-	-	-	-	-	-	-	-	-	-	******
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 37.0 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 62.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18001 MACKENZIE RR 2 TIVERTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.0	0	0
FEB	26	0.0	0	0
MAR		DATA UNAVAILABLE		
APR	19	0.0	0	0
MAY	31	0.0	0	2
JUN	29	0.8	5	11
JUL	11	0.3	3	5
YEAR	147	0.2	5	11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18001 MACKENZIE RR 2 TIVERTON

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	740	0	0	0	0	0	0	0	740
FEB	645	0	0	0	0	0	0	0	645
MAR	DATA UNAVAILABLE								
APR	466	0	0	0	0	0	0	0	466
MAY	739	0	0	0	0	0	0	0	739
JUN	699	2	0	0	0	0	0	0	701
JUL	275	0	0	0	0	0	0	0	275
YEAR	3564	2	0	0	0	0	0	0	3566

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
82.1	0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	4.5	11	0.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2. LOT A TIVERTON MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12	-	-	-	-	-	-	-	-	-	-	-	- **** ****			0	0	0	0	0	0	0	0	0	0	******
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	8	0
14	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	******
24	****	****	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	******
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 57.1 PERCENTAGE OF DATA INVALID - 5.8 PERCENTAGE OF DATA UNAVAILABLE - 37.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2. LOT A TIVERTON MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	******
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 44.4 PERCENTAGE OF DATA INVALID - 55.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	- DATA INVALID -																								
19	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	1	2	3	2	******
20	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	2	3	1	0	0	0	0	0	0	1
21	0	0	0	1	1	2	1	1	0	0	0	0	1	1	0	0	0	0	1	3	3	3	1	1	1
22	3	2	2	1	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
23	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	1	6	7	1	1	7	12	7	0	0	0	0	0	2
26	0	0	0	0	0	0	0	0	0	0	0	0	2	5	5	4	3	3	2	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	2	6	1	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	1	7	9	8	2	0	1	2	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	3	3	1	1	1	1	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	4	2	1	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 94.3 PERCENTAGE OF DATA INVALID - 5.4 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	1	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	4	5	3	0	0	0	1
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	3	4	2	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	2	1	1	1
6	4	5	6	7	6	6	7	7	7	6	7	7	8	7	7	7	7	7	8	9	8	2	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	-	-	****	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0
14	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	2	4	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN		DATA UNAVAILABLE		
JUL	17	0.0	0	8
AUG	13	0.0	0	0
SEP	28	0.3	2	12
OCT	31	0.0	1	5
NOV	30	0.2	6	9
DEC	31	0.0	1	4
YEAR	150	0.1	6	12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD. 2, LOT A TIVERTON

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	DATA UNAVAILABLE								
FEB	DATA UNAVAILABLE								
MAR	DATA UNAVAILABLE								
APR	DATA UNAVAILABLE								
MAY	DATA UNAVAILABLE								
JUN	DATA UNAVAILABLE								
JUL	425	0	0	0	0	0	0	0	425
AUG	330	0	0	0	0	0	0	0	330
SEP	678	1	0	0	0	0	0	0	679
OCT	741	0	0	0	0	0	0	0	741
NOV	715	0	0	0	0	0	0	0	715
DEC	741	0	0	0	0	0	0	0	741
YEAR	3630	1	0	0	0	0	0	0	3631

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT									
82.2	0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	3.8	12	0.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S.NANTICOKE MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	1	2	2	2	2	******
28	2	3	3	3	2	2	****	1	2	3	2	2	2	2	2	2	25	2	****	1	2	1	2	2	3
MEAN	2	3	3	3	2	2	****	1	2	3	2	2	2	2	2	2	25	2	****	1	2	2	2	2	2.9

PERCENTAGE OF DATA VALID - 4.0 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 95.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S.NANTICOKE MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA INVALID -													
25	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	0	0	1	-	1	1	1	1	1	******
26	0	0	0	0	1	1	-	0	0	0	0	0	0	1	1	1	1	1	-	0	0	0	0	0	0
27	0	0	0	0	0	0	-	0	0	0	1	0	0	0	0	1	1	0	-	0	0	0	0	0	0
28	0	0	0	0	0	0	-	0	1	1	0	0	0	0	0	0	0	0	-	0	1	1	0	0	0
29	0	0	0	0	0	0	-	0	0	1	1	1	0	0	0	0	0	0	-	0	0	0	0	0	0
30	0	0	0	0	0	0	-	0	0	0	0	1	1	0	0	0	0	0	-	0	1	0	0	0	0
MEAN	0	0	0	0	0	0	****	0	0	0	0	0	0	1	1	0	0	0	****	0	1	0	0	0	0.3

PERCENTAGE OF DATA VALID - 16.7 PERCENTAGE OF DATA INVALID - 2.9 PERCENTAGE OF DATA UNAVAILABLE - 80.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S,NANTICOKE MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	-	0	0	0	0	0	0	0	-	-	0	0	-	0	0	0	0	1	0
2	1	1	0	0	0	0	-	0	0	0	0	1	0	0	0	0	0	0	-	0	1	1	1	1	0
3	1	0	0	0	1	1	-	1	1	2	2	1	1	1	1	1	1	1	-	0	0	0	0	0	1
4	0	0	0	0	0	0	-	0	1	1	1	0	0	0	0	0	1	1	-	0	0	0	0	1	0
5	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	1	0	0	0
6	0	1	1	0	0	0	-	2	2	2	1	0	1	1	1	1	0	0	-	0	0	0	0	0	1
7	0	1	1	1	0	1	-	0	0	0	0	1	5	2	0	0	0	0	-	1	1	1	1	1	1
8	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	2	2	3	3	2	1
9	2	2	2	1	1	1	-	1	1	0	0	0	0	0	0	0	0	0	-	2	2	1	2	2	1
10	2	2	3	3	3	-	-	0	0	1	2	1	1	2	1	2	3	1	-	1	2	2	2	2	2
11	2	1	2	1	1	1	-	0	0	1	1	1	0	0	1	1	1	1	-	2	2	2	2	2	1
12	1	2	1	1	1	2	-	1	1	1	0	0	0	0	0	0	1	1	-	0	0	1	1	0	1
13	0	0	0	0	0	0	-	0	0	0	0	0	0	0	1	1	1	1	-	1	0	0	1	1	0
14	0	0	0	0	0	0	-	2	2	1	1	0	1	1	0	1	1	1	-	1	1	1	0	0	1
15	1	0	1	0	1	1	-	1	1	1	1	1	0	0	1	0	0	0	-	1	1	1	1	1	1
16	0	0	0	0	0	0	-	0	0	0	1	0	1	1	1	1	1	1	-	1	1	1	1	1	1
17	1	2	0	0	0	0	-	0	1	1	0	****	****	****	****	****	****	****	****	****	****	****	****	****	******
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	******
19	2	1	1	1	1	1	-	1	1	1	1	1	0	1	1	1	2	2	-	1	1	1	1	1	1
20	1	0	1	1	1	1	-	0	0	0	1	1	1	1	1	1	1	1	-	1	1	2	2	2	1
21	1	1	1	1	1	1	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	0	0	0	0
22	0	0	0	1	0	0	-	-	-	-	-	1	1	0	0	0	0	0	-	1	1	1	1	1	0
23	1	2	1	1	1	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	0	0	0	0
24	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
25	1	1	1	0	1	1	-	1	0	0	0	0	1	1	1	1	0	0	-	1	1	1	1	0	1
26	0	0	1	1	1	1	-	-	1	1	0	0	0	0	0	0	0	0	-	0	1	1	1	1	0
27	1	1	1	1	1	0	-	1	1	1	1	0	0	1	0	0	0	0	-	1	1	1	1	2	1
28	0	0	1	1	1	1	-	0	0	0	0	0	0	0	1	3	1	1	-	1	0	0	0	1	1
29	1	2	1	1	1	1	-	0	0	0	0	0	0	4	2	1	1	1	-	0	0	1	1	1	1
30	1	1	1	1	1	1	-	2	2	1	0	0	0	0	0	0	0	0	-	1	1	0	0	0	1
31	0	0	1	0	0	0	-	0	0	0	0	0	0	0	1	1	1	1	-	2	1	1	1	1	1
MEAN	1	1	1	1	1	1	****	0	1	1	0	0	0	1	1	1	1	0	****	1	1	1	1	1	0.6

PERCENTAGE OF DATA VALID - 86.7 PERCENTAGE OF DATA INVALID - 4.3 PERCENTAGE OF DATA UNAVAILABLE - 9.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S,NANTICOKE MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	-	0	1	1	2	2	-	-	-	0	1	1	-	1	1	1	1	2	1
2	3	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
3	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
4	0	0	0	0	1	1	-	1	1	1	1	0	0	0	0	0	0	0	-	0	0	1	2	1	0
5	1	1	1	1	1	2	-	0	0	0	0	0	0	1	1	1	0	0	-	0	0	0	0	0	0
6	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
7	2	1	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	1	0	0
8	0	1	1	1	1	1	-	0	0	0	0	0	0	1	1	1	1	****	-	0	0	0	0	0	0
9	0	0	0	0	1	1	-	0	0	0	0	0	1	1	0	0	0	1	-	0	0	0	0	0	0
10	0	0	0	0	0	0	-	2	1	0	0	0	1	3	3	2	2	2	-	1	1	0	1	1	1
11	1	1	1	1	1	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
12	0	0	0	0	0	0	-	0	0	0	0	0	0	2	2	1	1	0	-	0	0	0	0	1	0
13	1	0	0	1	0	1	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	1	1	D	0
14	1	1	0	0	0	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
15	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	******
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	2	3	******
20	3	2	1	0	0	0	-	0	0	1	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
21	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	****	****	****	****	0
22	****	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
23	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
24	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0
25	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
26	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
27	0	0	0	0	0	0	0	0	-	0	0	0	1	2	****	0	0	0	-	0	1	0	1	0	0
28	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	1	1	0
29	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
30	0	0	0	0	0	0	-	0	0	0	0	2	2	1	0	0	0	0	-	0	1	1	1	2	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	D	D	D	0.2

PERCENTAGE OF DATA VALID - 77.4 PERCENTAGE OF DATA INVALID - 15.0 PERCENTAGE DF DATA UNAVAILABLE - 7.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FDR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S.NANTICOKE MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	-	0	0	0	1	1	1	0	0	0	0	0	-	0	0	0	0	1	0
2	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	2	1	1	0	0
3	0	0	0	2	1	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
4	0	1	0	0	1	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	1	2	1	0
5	0	0	0	0	0	0	-	0	0	0	0	0	0	0	-	0	0	0	-	-	0	0	0	0	0
6	0	0	0	0	0	0	-	-	0	0	0	0	0	0	1	0	0	0	-	-	0	1	1	0	0
7	0	0	0	0	0	0	-	-	1	1	1	1	0	0	0	0	0	-	-	2	1	2	2	1	1
8	1	0	0	0	0	1	-	0	0	0	1	1	0	0	0	0	0	1	-	0	0	1	1	1	0
9	1	1	0	0	0	0	-	1	2	2	2	1	1	0	0	0	0	0	-	-	2	1	1	0	1
10	0	0	0	0	0	0	-	-	1	1	1	0	0	0	0	0	0	0	-	-	1	1	0	0	0
11	0	0	0	0	1	1	-	-	0	0	0	0	0	0	0	0	0	0	-	-	1	1	0	0	0
12	0	0	1	1	0	0	-	0	0	0	0	0	0	0	0	0	0	1	-	0	0	0	0	0	0
13	0	1	1	1	1	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
14	0	0	0	0	0	0	-	1	2	3	2	2	1	1	0	0	0	0	-	1	2	2	1	1	1
15	1	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	2	0
16	1	1	1	0	0	0	-	-	3	2	1	0	0	0	0	0	0	0	-	0	0	1	2	1	1
17	1	0	0	0	0	0	-	0	0	0	0	0	0	0	0	1	0	0	-	0	0	0	0	0	0
18	1	0	0	0	0	0	-	0	0	1	1	0	0	0	0	0	0	0	-	0	0	0	0	0	0
19	0	0	0	0	0	0	-	0	0	0	0	-	-	0	0	-	0	-	-	-	0	0	0	0	0
20	0	0	0	0	0	-	-	0	0	1	0	-	0	0	0	0	0	0	-	0	0	0	0	1	0
21	0	1	1	1	1	2	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
22	0	0	0	0	1	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
23	1	1	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
24	0	0	1	1	1	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
25	0	0	0	0	0	0	-	1	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
26	0	0	0	0	0	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
27	0	0	0	0	0	0	-	0	0	0	0	0	0	0	1	0	0	0	-	0	0	0	0	0	0
28	0	0	0	0	0	0	-	0	0	0	0	0	0	1	0	1	1	0	-	0	3	0	0	0	0
29	0	0	1	1	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
30	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	1	0
31	1	1	0	0	0	0	-	0	0	0	0	0	0	0	-	0	0	0	-	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 89.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 11.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S.NANTICOKE MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	-	0	0	0	0	-	3	2	1	0	0	0	-	0	0	0	0	1	0
2	1	1	1	-	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
3	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	3	3	2	1	1	0
4	0	1	2	2	3	4	-	1	0	0	0	2	1	0	1	1	0	0	-	1	0	1	1	1	1
5	0	0	0	1	1	1	-	0	0	0	0	0	1	2	0	1	0	0	-	2	2	2	1	1	1
6	1	1	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	2	3	3	1
7	3	2	1	1	2	1	-	1	0	0	0	0	0	0	0	1	1	1	-	-	-	-	-	-	1
8	-	-	1	0	1	0	-	-	1	1	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
9	0	0	0	0	0	0	-	-	0	0	0	0	-	0	0	0	0	0	-	-	0	0	0	0	0
10	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
11	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
12	1	1	3	1	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
13	0	0	0	0	1	1	-	-	0	0	0	0	0	0	1	0	1	0	-	-	0	0	0	0	0
14	0	0	1	1	1	1	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
15	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	1	1	1	0	0
16	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	1	1	1	1	0
17	0	0	0	1	1	1	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	1	0
18	1	1	0	1	0	0	-	-	0	0	0	1	1	0	0	0	0	0	-	-	1	0	1	2	0
19	1	0	0	0	0	0	-	-	0	1	1	1	1	1	0	0	0	0	-	-	1	1	1	1	1
20	1	1	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
21	1	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
22	0	0	0	0	0	0	-	-	0	0	0	0	0	0	1	1	1	1	-	-	0	0	0	0	0
23	0	0	0	0	0	0	-	-	0	0	0	0	0	1	1	0	0	0	-	-	0	0	1	1	0
24	1	0	1	1	1	1	-	-	1	1	1	1	1	1	0	0	0	0	-	-	0	0	0	0	1
25	0	0	0	0	2	1	-	-	1	1	1	2	2	1	2	2	0	0	-	-	0	1	1	1	1
26	1	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
27	0	0	1	1	1	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
28	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	0
29	1	1	0	0	0	0	0	0	-	0	1	1	1	0	1	1	1	1	1	1	-	0	0	0	1
30	0	0	0	1	0	0	0	0	-	0	0	1	0	0	1	0	0	0	0	0	-	1	2	1	0
31	0	0	0	2	1	0	0	0	-	0	0	0	0	-	0	0	0	0	-	1	1	1	1	1	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0.3

PERCENTAGE OF DATA VALID - 84.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 16.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S.NANTICOKE MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
2	0	0	0	0	0	0	-	0	0	0	0	1	1	0	0	0	0	0	-	1	0	0	1	0	0
3	0	0	0	0	0	0	-	0	0	0	0	0	1	0	0	0	0	3	-	1	1	0	0	0	0
4	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
5	0	0	1	1	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
6	0	0	0	1	1	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
7	0	0	0	0	0	0	-	0	0	0	1	1	1	1	0	0	0	0	-	-	0	0	0	0	0
8	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
9	0	0	5	4	2	2	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	D	0	0	1
10	0	0	0	0	0	1	-	-	0	0	0	1	1	1	1	2	3	4	-	-	1	0	0	0	1
11	0	0	0	0	0	0	-	-	0	1	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
12	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
13	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
14	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
15	0	0	0	0	0	1	-	-	0	0	0	0	0	0	0	0	0	0	-	-	1	0	0	0	0
16	1	1	0	0	1	0	-	-	0	0	0	0	0	0	0	0	0	6	-	-	0	0	0	1	1
17	1	1	0	0	0	0	-	-	0	0	0	1	0	1	3	4	3	0	-	-	1	1	2	0	1
18	0	1	1	0	0	0	-	-	3	0	4	14	14	12	6	0	0	0	-	-	0	0	0	0	3
19	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	1	0	0	0	0
20	0	0	0	0	0	0	-	-	0	0	0	-	1	2	4	4	2	2	-	-	1	1	1	1	1
21	0	1	0	0	0	0	-	-	0	0	0	0	0	0	-	-	1	1	-	-	0	0	0	0	0
22	0	0	0	0	0	0	-	-	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
23	****	****	****	****	****	****	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	******
24	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	1	0	1	1	0
25	0	0	0	0	0	0	-	-	1	2	0	2	2	2	1	2	0	0	-	-	1	2	1	0	1
26	1	0	0	0	0	0	-	-	****	****	****	****	****	****	****	****	****	****	-	-	0	0	0	0	******
27	1	1	1	1	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
28	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	D	0
29	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	****	****	****	****	0
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	-	-	0	0	0	0	******
MEAN	0	0	0	0	0	0	****	0	0	0	0	1	1	1	1	0	0	1	****	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 77.8 PERCENTAGE OF DATA INVALID - 7.5 PERCENTAGE OF DATA UNAVAILABLE - 14.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S.NANTICOKE MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	-	0	0	-	-	0	0	0	0	0
2	0	0	0	0	0	0	-	-	0	0	0	0	1	1	1	1	0	0	-	-	0	0	0	0	0
3	0	0	0	1	1	4	-	-	0	1	1	1	0	0	0	0	0	0	-	-	0	1	2	2	1
4	1	2	2	2	1	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
5	1	0	0	0	0	1	-	-	1	0	2	1	1	2	2	1	1	1	-	-	0	1	2	2	1
6	3	3	3	2	1	1	-	-	0	1	1	1	0	0	0	0	0	0	-	-	0	0	0	1	1
7	1	1	2	2	2	1	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	1	0	1
8	0	1	1	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
9	1	1	0	0	0	0	-	-	0	0	0	0	0	0	0	1	0	0	-	-	0	0	1	4	0
10	1	1	1	1	1	0	-	-	0	0	1	1	1	1	1	0	0	0	-	-	0	0	0	0	1
11	0	1	1	0	0	0	-	-	0	0	0	0	0	0	****	****	0	0	-	-	0	0	0	0	0
12	0	1	1	1	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
13	0	0	0	1	1	1	-	-	1	1	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
14	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	1	2	1	0
15	1	0	4	0	0	3	-	-	2	1	1	1	0	0	0	0	0	0	-	-	0	0	0	0	1
16	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	1	1	0
17	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	1	-	-	0	1	0	0	0
18	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	D
19	0	1	1	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
20	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
21	1	2	1	1	0	1	-	-	2	1	1	0	0	0	0	0	0	1	-	-	2	1	2	1	1
22	2	2	1	2	2	2	-	-	1	1	0	0	0	0	0	0	0	0	-	-	1	1	1	1	1
23	1	1	0	1	0	0	-	-	0	0	0	0	0	1	1	1	1	0	-	-	0	0	D	0	0
24	0	0	0	0	0	0	-	-	0	0	1	1	0	1	1	1	0	0	-	-	0	D	0	0	D
25	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
26	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	D
27	0	1	3	1	1	2	-	-	0	0	1	1	1	1	1	1	1	0	-	-	0	1	1	2	1
28	1	1	1	1	0	0	-	-	1	0	0	0	0	1	1	2	3	2	-	-	0	0	0	1	1
29	0	1	1	2	0	0	-	-	0	0	0	0	1	0	0	0	0	0	-	-	0	0	D	0	D
30	0	0	1	1	1	1	-	-	0	0	0	1	1	1	1	1	1	0	-	-	1	1	0	1	1
31	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	D	D	0	0
MEAN	0	1	1	1	0	1	****	****	0	0	0	0	0	0	0	0	0	D	****	****	0	D	D	1	D.4

PERCENTAGE OF DATA VALID - 82.9 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 16.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	-	-	0	0	0	-	0	0	0	0	1	1	-	0	0	0	0	0	0
2	0	1	1	0	0	1	-	0	0	0	0	0	0	1	0	0	0	0	-	0	0	0	0	0	0
3	0	0	0	1	2	0	-	0	0	1	2	1	1	1	1	1	0	1	-	1	1	1	1	1	1
4	2	2	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	1	1	1	0
5	1	1	1	1	1	1	-	0	0	0	0	0	0	0	0	0	1	1	-	0	0	0	0	0	0
6	0	0	0	0	0	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	1	1	1	0
7	1	1	0	0	0	0	-	0	0	1	1	0	0	0	0	0	0	0	-	0	0	0	0	0	0
8	0	0	0	1	1	1	-	0	0	0	0	1	1	0	0	0	1	1	-	0	0	0	0	0	0
9	0	0	0	0	0	0	-	1	3	1	2	2	3	2	2	2	2	1	-	1	1	1	1	1	1
10	1	1	0	0	0	0	-	0	0	0	0	0	0	0	1	1	1	0	-	0	0	1	1	1	0
11	1	1	1	1	0	0	-	0	0	0	1	2	1	1	1	0	0	0	-	0	0	1	2	1	1
12	1	1	3	3	1	1	-	0	0	1	1	1	1	2	1	1	0	0	-	0	****	****	****	****	1
13	****	****	****	****	****	****	-	-	****	****	****	****	****	****	****	****	****	****	-	0	0	0	0	0	******
14	0	0	1	3	2	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	2	0	1	1	1
15	2	2	1	3	1	1	-	0	0	0	0	0	0	0	0	0	0	1	-	1	0	1	1	0	1
16	0	0	0	0	0	0	-	1	****	****	****	****	****	****	****	****	****	****	-	1	1	1	0	1	******
17	1	1	1	2	1	1	-	1	1	1	1	0	0	0	0	0	0	0	-	0	0	0	1	2	1
18	3	4	3	1	1	1	-	2	2	1	1	1	1	0	0	0	0	0	-	1	****	****	****	****	1
19	****	****	****	****	****	****	-	****	****	****	****	****	****	****	****	****	****	****	-	1	1	1	1	0	******
20	0	0	0	0	0	0	-	1	1	1	1	1	0	0	0	0	0	1	-	2	1	1	1	0	1
21	0	1	1	2	2	1	-	0	0	0	-	0	0	0	0	0	0	0	-	1	2	3	****	****	1
22	****	****	****	****	****	****	-	****	****	****	****	****	****	****	****	****	****	****	-	0	0	0	0	0	******
23	0	0	0	0	0	0	-	1	1	0	0	0	0	0	0	0	0	0	-	1	0	0	0	0	0
24	0	0	0	0	0	0	-	0	****	****	****	****	****	****	****	****	****	****	-	****	****	****	****	****	******
25	****	****	****	****	****	****	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
26	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
27	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	1	1	-	0	0	0	0	1	0
28	1	1	1	1	0	0	-	0	0	0	0	0	1	1	1	1	1	1	-	1	0	0	0	0	1
29	0	0	1	1	0	0	-	0	0	0	0	0	0	0	0	1	1	1	-	****	****	****	****	****	0
30	****	****	****	****	****	****	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	1	1	0	0
MEAN	1	1	1	1	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	1	1	0	0.4

PERCENTAGE OF DATA VALID - 76.9 PERCENTAGE OF DATA INVALID - 14.2 PERCENTAGE OF DATA UNAVAILABLE - 8.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	0	0	0	0	-	0	0	0	0	1	0	0	1	1	0	0	-	1	1	1	0	0	0
2	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	1	1	2	-	0	4	1	1	0	0
3	0	0	0	1	1	1	-	0	1	2	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1
4	1	1	1	1	1	0	-	1	1	1	1	0	-	2	2	1	1	0	0	0	3	3	0	1	1
5	1	1	2	2	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6	2	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	1	0	0
7	0	1	2	1	1	1	0	1	1	2	1	0	****	****	****	****	****	****	****	****	****	****	****	0	******
8	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	1	1	1	0	0	0
9	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0
10	2	2	5	4	2	1	1	0	1	1	0	0	0	0	0	0	1	1	1	1	2	2	1	0	1
11	2	2	2	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
12	2	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	4	1	1	1	1	1	1	2	3	-	-	****	****	****	****	****	****	****	****	-	****	****	****	****	******
14	****	****	****	****	****	****	****	-	1	0	0	0	0	0	0	1	1	0	0	0	1	1	1	0	0
15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
16	2	2	4	6	10	3	3	0	0	0	0	0	0	2	4	2	2	1	1	0	0	0	0	0	2
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	1	1	2	2	1	2	1	****	0	0	0	0	0	1	0	-	1	2	2	1	2	1
19	1	1	1	0	0	0	-	****	****	****	****	****	****	****	****	****	****	-	-	1	1	0	0	0	******
20	0	0	0	0	1	0	-	0	0	0	0	0	0	0	0	0	0	0	-	2	2	1	0	0	0
21	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	1	0
22	0	0	0	0	0	0	-	1	1	1	1	0	0	0	0	0	0	0	-	1	1	1	1	1	0
23	2	1	0	1	1	1	-	0	0	0	0	0	0	0	1	1	1	1	-	0	1	1	1	2	1
24	2	2	2	2	2	1	-	2	2	2	2	2	1	1	1	2	1	1	-	0	0	0	0	0	1
25	1	1	1	1	1	0	-	1	1	3	2	0	0	1	0	0	0	0	-	0	0	0	0	0	1
26	0	0	0	0	0	0	-	0	0	0	0	1	1	2	1	1	1	1	-	0	1	0	0	1	0
27	1	1	1	1	0	0	-	1	0	0	0	0	0	1	1	1	0	1	-	0	0	1	1	0	1
28	0	0	0	0	0	0	-	1	1	1	1	0	0	0	0	0	0	0	-	1	2	2	1	1	1
29	1	1	0	0	0	0	-	0	0	1	1	0	0	1	1	2	2	1	-	1	1	1	2	2	1
30	0	0	0	1	3	2	-	2	0	1	0	0	0	1	1	1	0	0	-	0	0	1	1	2	1
31	0	0	0	1	1	1	-	1	0	0	0	0	0	0	0	0	0	0	-	1	1	1	1	1	0
MEAN	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	1	1	0	1	0.6

PERCENTAGE OF DATA VALID - 89.1 PERCENTAGE OF DATA INVALID - 5.5 PERCENTAGE OF DATA UNAVAILABLE - 5.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S.NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB	1	2.9	3	25
MAR		DATA UNAVAILABLE		
APR	5	0.3	0	2
MAY	29	0.6	2	5
JUN	25	0.2	1	3
JUL	31	0.2	1	3
AUG	31	0.3	1	4
SEP	26	0.3	3	14
OCT	31	0.4	1	4
NOV	25	0.4	1	4
DEC	28	0.6	2	10
YEAR	232	0.4	3	25

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S.NANTICOKE

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN		DATA UNAVAILABLE							
FEB	26	0	1	0	0	0	0	0	27
MAR		DATA UNAVAILABLE							
APR	120	0	0	0	0	0	0	0	120
MAY	645	0	0	0	0	0	0	0	645
JUN	557	0	0	0	0	0	0	0	557
JUL	662	0	0	0	0	0	0	0	662
AUG	625	0	0	0	0	0	0	0	625
SEP	557	3	0	0	0	0	0	0	560
OCT	617	0	0	0	0	0	0	0	617
NOV	554	0	0	0	0	0	0	0	554
DEC	663	0	0	0	0	0	0	0	663
YEAR	5026	3	1	0	0	0	0	0	5030

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
69.2	0	0.0	0.0	0.0	0.0	0.9	1.3	1.9	2.6	25	0.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANOUSK RD.NANTICOKE MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	****	1	0	0	0	0	0	******
3	0	0	0	0	0	****	1	2	2	1	0	0	1	0	1	2	1	****	1	1	1	1	1	1	1
4												- DATA INVALID -													
5	****	****	****	****	****	****	****	****	****	****	****	****	****	4	2	1	1	****	2	1	1	1	2	2	******
6	1	1	0	1	1	****	1	1	2	2	1	1	1	1	1	5	2	****	2	2	2	2	1	0	1
7	0	0	0	0	0	****	1	1	1	0	0	0	0	0	0	0	0	****	1	1	0	0	0	0	0
8	0	0	1	0	0	****	1	0	0	0	0	0	0	0	0	0	1	****	1	1	0	1	1	1	0
9	1	2	3	1	2	****	2	2	2	2	1	1	1	2	2	2	1	****	1	2	1	2	1	2	2
10	1	0	0	0	1	****	****	****	****	****	****	****	****	****	****	****	0	****	0	0	0	1	1	0	******
11	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0
12	0	0	0	0	0	****	1	2	3	3	3	2	2	1	1	1	1	****	2	2	1	0	0	0	1
13	0	0	1	1	2	****	2	2	1	1	1	1	1	1	1	0	0	****	2	2	1	1	1	1	1
14	1	1	1	1	2	****	3	2	1	2	1	0	0	1	0	0	0	****	0	0	0	0	0	0	1
15	0	0	0	0	0	****	1	1	2	2	2	1	1	0	0	0	0	****	1	1	1	1	0	0	1
16	0	0	0	0	0	****	0	0	0	1	1	1	1	1	0	0	0	****	1	1	1	2	1	1	1
17	2	1	1	0	0	****	0	0	0	0	0	0	0	1	0	0	0	****	1	1	1	0	0	0	0
18	2	2	1	1	0	****	1	2	1	1	1	0	0	0	0	0	0	****	0	0	1	1	0	0	1
19	1	3	3	2	3	****	3	3	2	1	1	0	0	0	1	1	2	****	2	2	2	2	2	2	2
20	1	1	1	1	1	****	2	2	1	0	0	0	0	0	0	0	0	****	1	1	2	1	1	1	1
21	0	0	1	0	0	****	2	2	3	1	1	1	0	0	0	0	0	****	1	1	1	1	1	1	1
22	1	1	0	0	0	****	1	1	0	0	0	0	0	0	0	0	0	****	1	2	2	0	0	0	0
23	0	0	0	0	0	****	1	1	0	0	0	0	0	0	0	0	1	****	3	2	2	2	1	1	1
24	1	1	1	1	1	****	1	2	3	2	1	1	1	1	0	0	1	****	2	2	1	1	0	0	1
25	1	1	1	1	1	****	1	1	1	1	****	1	0	0	0	0	0	****	0	0	0	0	0	0	0
26	0	0	0	0	0	****	1	1	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0
27	0	0	0	0	0	****	1	1	1	0	0	0	0	0	0	0	0	****	1	1	1	5	7	2	1
28	1	0	1	2	2	****	1	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0
29	0	0	0	0	0	****	1	1	1	0	0	0	0	0	0	0	0	****	1	1	1	0	0	0	0
30	0	0	0	0	0	****	1	1	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	0
31	0	0	0	0	0	****	1	1	0	0	0	0	0	0	0	0	0	****	1	1	1	0	0	0	0
MEAN	1	1	1	0	1	****	1	1	1	1	1	0	0	0	0	0	0	****	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 80.9 PERCENTAGE OF DATA INVALID - 14.0 PERCENTAGE OF DATA UNAVAILABLE - 5.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANOUSK RD.NANTICOKE MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0
2	0	0	0	0	0	****	1	0	0	0	0	0	0	0	0	0	0	****	2	1	2	1	1	1	0
3	0	0	0	0	0	****	2	2	2	2	1	1	1	1	0	0	0	****	1	1	1	0	0	0	1
4	0	1	1	1	0	****	2	2	2	1	0	0	0	0	0	0	0	****	1	1	1	0	0	0	1
5	0	0	0	0	0	****	1	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	****	2	1	0	0	0	0	******
7	0	0	1	1	0	****	1	1	1	1	1	1	1	****	1	1	0	****	1	1	0	1	1	0	1
8	0	0	0	0	****	****	1	1	1	0	0	0	0	0	0	0	****	****	1	1	0	0	0	0	0
9	0	0	0	0	****	****	2	1	1	1	1	1	0	1	1	1	****	****	1	1	1	0	1	0	1
10	0	0	0	1	****	****	2	2	1	1	1	1	0	0	0	0	****	****	1	1	1	1	1	0	1
11	0	0	0	0	****	****	2	2	2	3	3	3	2	1	1	0	****	****	1	1	1	1	2	1	1
12	1	1	1	1	****	****	1	1	1	1	1	1	0	0	0	0	****	****	1	1	1	1	1	1	1
13	1	1	2	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	******
14	0	0	0	0	****	****	2	1	1	1	1	1	0	1	1	1	****	****	1	1	1	1	1	0	1
15	0	0	0	0	****	****	1	0	0	0	0	0	0	0	0	0	****	****	2	1	0	0	0	0	0
16	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	****	****	1	1	1	0	0	0	0
17	0	0	0	0	****	****	1	0	0	1	1	0	0	0	0	0	****	****	1	1	1	1	2	1	1
18	1	1	0	0	****	****	3	2	1	0	0	0	0	0	0	1	****	****	0	0	0	0	0	0	0
19	0	0	0	0	****	****	2	2	2	0	2	3	2	2	0	0	****	****	3	2	1	2	8	6	2
20	7	1	0	0	****	****	3	1	1	2	1	2	1	0	0	1	****	****	2	2	3	2	2	2	2
21	2	1	1	1	****	****	1	1	1	1	1	1	1	1	0	0	****	****	****	****	****	****	****	****	******
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	******
23	0	0	0	0	****	****	1	1	1	1	0	0	0	0	0	0	****	****	1	1	0	2	1	1	1
24	1	1	1	0	****	****	1	1	1	0	0	0	0	0	1	1	****	****	3	2	7	1	2	0	1
25	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0
26	0	0	0	0	****	****	0	0	0	1	1	1	2	1	1	2	****	****	0	0	0	1	1	0	1
27	0	0	1	0	****	****	0	0	0	0	0	-	0	0	0	0	0	****	1	1	1	1	1	2	0
28	2	2	1	1	0	****	1	1	1	1	1	2	2	2	1	1	1	****	2	2	1	1	1	0	1
MEAN	1	0	0	0	0	****	1	1	1	1	1	1	1	0	0	0	0	****	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 76.5 PERCENTAGE OF DATA INVALID - 23.4 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	****	2	1	1	1	1	1	0	0	0	0	0	****	1	1	1	2	1	2	1
2	1	1	1	0	0	****	1	1	2	1	1	1	1	0	0	0	0	****	1	1	1	1	0	0	1
3	0	0	0	0	0	****	1	1	1	1	0	0	0	0	0	0	0	****	1	1	0	0	0	0	0
4	0	0	0	0	0	****	1	1	1	0	0	0	0	0	0	0	0	****	1	1	1	1	0	0	0
5	0	0	0	0	0	****	1	1	1	1	1	1	1	1	0	0	0	****	0	0	0	0	0	0	0
6	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	3	1	0	0	0	0
7	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0
8	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	1	1	0
9	1	1	0	0	0	0	****	1	1	1	1	1	2	1	1	0	0	0	****	1	1	0	0	0	1
10	0	0	0	0	2	1	****	2	1	1	0	0	0	0	0	1	0	0	****	0	0	0	0	0	0
11	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0
12	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	1	0	0	0	0	0
13	0	0	0	0	0	1	****	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
14	- DATA UNAVAILABLE -																								
15	- DATA UNAVAILABLE -																								
16	- DATA UNAVAILABLE -																								
17	- DATA UNAVAILABLE -																								
18	- DATA UNAVAILABLE -																								
19	- DATA UNAVAILABLE -																								
20	- DATA UNAVAILABLE -																								
21	- DATA UNAVAILABLE -																								
22	- DATA UNAVAILABLE -																								
23	- DATA UNAVAILABLE -																								
24	- DATA UNAVAILABLE -																								
25	- DATA UNAVAILABLE -																								
26	- DATA UNAVAILABLE -																								
27	- DATA UNAVAILABLE -																								
28	- DATA UNAVAILABLE -																								
29	- DATA UNAVAILABLE -																								
30	- DATA UNAVAILABLE -																								
31	- DATA UNAVAILABLE -																								
MEAN	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 36.3 PERCENTAGE OF DATA INVALID - 3.4 PERCENTAGE OF DATA UNAVAILABLE - 60.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA UNAVAILABLE -																								
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	-	5	9	3	1	******
3	0	0	0	0	0	0	-	-	2	2	2	2	1	1	0	0	0	0	-	-	1	1	0	0	1
4	0	0	0	0	0	0	-	-	2	2	1	1	0	0	0	0	0	0	-	-	2	2	2	5	1
5	4	2	0	0	0	0	-	-	3	3	1	1	1	1	1	1	0	0	-	-	2	2	1	1	1
6	1	1	0	1	6	0	-	-	1	0	0	0	0	0	0	0	0	0	-	-	2	1	1	1	1
7	0	0	0	0	0	0	-	-	1	1	0	0	0	0	0	0	0	0	-	-	1	1	0	0	0
8	0	0	0	1	1	0	-	-	1	3	2	2	2	1	0	0	0	0	-	-	2	1	1	1	1
9	0	0	0	0	0	0	-	-	2	2	1	1	1	1	0	1	0	0	-	-	1	1	1	1	1
10	0	0	0	0	0	0	-	-	1	1	1	0	0	0	0	0	0	0	-	-	2	1	1	0	0
11	0	0	0	0	1	0	-	-	1	1	1	0	0	0	0	0	0	0	-	-	2	2	1	1	1
12	1	1	0	0	0	0	-	-	1	2	1	1	1	1	0	0	0	0	-	-	2	2	1	1	1
13	1	0	0	0	0	0	-	-	2	2	1	1	1	1	0	0	0	0	-	-	1	1	0	0	1
14	0	0	0	0	0	1	-	-	1	1	1	1	1	1	0	0	0	0	-	-	1	1	1	0	1
15	0	0	0	0	0	0	-	-	1	1	0	0	0	0	0	0	0	0	-	-	2	1	1	0	0
16	0	0	0	0	0	0	-	-	1	1	0	0	0	0	0	0	0	0	-	-	1	1	1	1	0
17	1	1	0	0	0	0	-	-	1	1	0	0	0	0	0	0	0	0	-	-	2	2	1	1	1
18	1	1	0	0	0	0	-	-	1	1	0	0	0	0	0	0	0	0	-	-	1	1	0	0	0
19	0	0	0	0	0	0	-	-	2	1	1	1	0	1	0	0	0	0	-	-	1	1	1	1	1
20	1	0	1	0	0	0	-	-	3	2	2	1	0	1	0	0	0	0	-	-	2	2	1	1	1
21	1	0	1	0	0	0	-	-	2	2	1	1	1	1	0	0	0	0	-	-	2	2	2	2	1
22	1	1	0	0	1	1	-	-	2	2	1	1	1	1	0	0	0	0	-	-	2	2	2	1	1
23	1	1	2	2	1	1	-	-	2	2	1	0	1	0	0	0	0	0	-	-	2	1	1	0	1
24	3	0	1	0	0	1	-	-	2	2	1	1	1	1	0	0	0	0	-	-	2	2	1	1	1
25	1	1	0	0	0	0	-	-	2	1	1	1	0	4	43	60	6	0	-	-	0	1	0	0	6
26	0	0	0	0	0	0	-	-	1	1	1	0	1	1	0	0	0	0	-	-	1	1	1	1	0
27	1	0	0	1	1	1	-	-	1	1	1	1	1	0	0	0	0	0	-	-	2	1	1	1	1
28	0	0	0	0	0	0	-	-	0	1	0	0	0	0	0	0	0	0	-	-	1	1	0	0	0
29	0	0	0	0	0	0	-	-	3	1	1	1	0	0	0	0	0	0	-	-	2	2	1	1	1
30	1	1	1	0	0	0	-	-	1	1	0	0	0	0	1	1	1	1	-	-	1	1	1	1	1
MEAN	1	0	0	0	0	0.	****	****	2	1	1	1	1	1	2	2	0	0	****	****	2	2	1	1	0.8

PERCENTAGE OF DATA VALID - 78.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 21.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	-	-	1	1	1	1	1	1	1	0	0	0	-	-	1	1	2	1	1
2	0	0	1	0	0	1	-	-	-	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
3	0	0	0	0	0	1	-	-	2	2	1	1	2	1	1	1	2	1	-	-	1	1	1	0	1
4	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
5	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
6	0	0	0	0	0	0	-	-	2	2	1	1	1	1	1	1	0	0	-	-	2	2	1	1	1
7	1	1	1	1	1	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
8	0	1	1	1	1	1	-	-	0	0	0	0	0	0	0	0	0	0	-	-	2	2	1	1	1
9	1	1	2	2	1	0	-	-	2	1	1	0	0	0	0	0	0	0	-	-	0	1	0	1	1
10	1	1	2	1	1	0	-	-	2	1	1	1	0	1	0	0	0	0	-	-	0	0	0	0	1
11	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	1	1	1	1	0
12	2	1	1	1	0	0	-	-	1	1	1	1	0	0	0	0	0	0	-	-	0	0	0	0	0
13	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
14	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
15	0	0	0	1	1	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
16	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	1	1	1	1	0
17	1	1	1	1	1	0	-	-	0	1	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
18	0	0	0	1	1	1	-	-	1	1	1	1	1	1	10	1	0	0	-	-	1	1	1	0	1
19	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	1	1	1	1	0
20	1	1	0	0	0	0	-	-	1	1	1	2	3	3	1	1	1	1	-	-	1	1	1	1	1
21	1	1	1	1	1	1	-	-	0	1	1	0	0	0	0	0	0	0	-	-	0	0	0	0	0
22	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
23	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
24	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
25	0	0	0	0	1	1	-	-	1	1	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
26	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
27	0	0	0	0	0	0	-	-	0	0	1	1	1	1	1	1	1	1	-	-	1	1	1	1	1
28	1	1	2	2	1	0	-	-	1	1	2	1	1	0	0	0	0	0	-	-	0	0	3	4	1
29	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
30	0	0	0	0	0	1	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
31	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
MEAN	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 83.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 16.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	-	-	0	0	0	0	0	-	0	0	0	0	-	-	1	2	2	3	0
2	2	1	0	1	1	0	-	-	1	1	1	1	1	1	0	0	0	0	-	-	2	2	2	2	1
3	1	1	1	1	1	1	-	-	2	2	1	2	1	1	0	0	0	0	-	-	0	0	0	0	1
4	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	1	2	2	2	0
5	1	0	1	0	0	1	-	-	1	1	0	0	0	0	0	0	1	0	-	-	0	0	0	0	0
6	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
7	2	2	1	1	1	1	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
8	0	0	0	1	1	1	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
9	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
10	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
11	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
12	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
13	0	0	0	0	0	0	0	-	1	1	1	1	1	1	1	1	0	0	1	-	0	4	1	2	1
14	1	1	1	2	1	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
15	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
16	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	0	0	0	0
17	0	0	1	0	0	1	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
18	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	2	2	0
19	0	0	0	0	0	0	1	-	1	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
20	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	1	1	0
21	0	0	0	1	1	0	0	-	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	0
22	1	1	1	0	1	0	1	1	0	-	1	1	-	0	0	0	0	0	0	0	0	-	0	0	0
23	0	0	0	0	0	0	0	0	0	-	0	1	0	0	0	0	0	0	0	0	0	-	0	0	0
24	0	0	0	0	0	0	0	0	0	-	0	1	0	0	0	0	1	0	1	0	0	-	0	0	0
25	0	0	0	0	0	1	1	1	2	-	0	0	0	0	****	****	0	0	0	0	0	-	0	0	0
26	0	0	0	0	1	1	1	0	0	-	0	0	0	0	1	1	1	1	1	0	0	-	0	0	0
27	0	0	0	0	0	1	0	1	1	-	1	1	0	0	0	0	0	0	0	0	1	-	2	2	0
28	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	0
29	2	1	1	1	1	1	1	1	1	-	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
30	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.2

PERCENTAGE OF DATA VALID - 87.1 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 11.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	1	0
2	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	1	1	2	0	0
3	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0
4	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0
5	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	1	0	0	0
6	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
7	0	0	0	0	0	0	-	0	0	1	1	1	1	1	1	0	0	0	-	0	2	1	0	0	0
8	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
9	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
10	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
11	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
12	0	0	1	0	0	0	-	0	0	0	0	0	1	0	0	0	0	0	-	0	0	0	0	0	0
13	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
14	0	0	0	0	0	0	-	1	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
15	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	1	0
16	2	2	0	0	0	0	-	0	0	0	1	0	0	0	0	0	0	0	-	0	0	0	0	0	0
17	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
18	0	0	0	0	0	0	-	1	1	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	******
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 50.5 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 49.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	1	1	-	-	0	0	0	0	0
2	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0	-	-	1	0	1	1	0
3	1	1	0	0	0	0	-	-	0	0	0	0	1	1	0	0	1	3	-	-	0	0	0	0	0
4	0	0	0	0	0	0	-	-	0	0	0	0	-	0	0	0	0	0	-	-	0	0	0	0	0
5	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
6	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	1	1	0	-	-	0	0	0	0	0
7	0	0	0	0	0	0	-	-	1	1	0	0	0	0	0	1	1	0	-	-	0	0	0	0	0
8	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
9	0	1	4	5	2	1	-	-	0	0	0	0	0	0	0	0	0	0	-	-	2	1	0	0	1
10	0	0	0	0	0	0	-	-	0	0	0	0	1	1	2	2	0	0	-	-	0	0	0	0	0
11	0	0	1	1	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
12	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
13	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
14	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
15	0	0	0	1	1	1	-	-	0	0	0	1	0	0	1	1	0	0	-	-	1	1	1	2	1
16	2	5	0	0	4	3	-	-	0	1	1	0	0	0	0	0	1	0	-	-	1	0	0	3	1
17	2	2	1	0	1	1	-	-	0	0	0	0	0	0	0	0	1	1	-	-	0	0	0	0	0
18	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	2	1	0	-	-	0	0	0	0	0
19	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
20	0	0	0	0	0	1	-	-	0	0	-	0	0	0	0	0	0	0	-	-	1	1	2	0	0
21	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
22	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
23	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
24	0	0	1	1	1	0	-	-	1	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
25	0	0	0	0	1	1	-	-	0	0	0	0	0	0	0	0	0	0	-	-	1	1	2	1	0
26	2	2	4	4	1	0	-	-	0	0	0	0	0	0	0	0	0	1	-	-	0	0	0	0	1
27	1	1	2	1	0	1	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
28	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
29	0	0	0	0	-	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	1	0
30	1	1	1	0	0	0	-	-	1	1	1	0	0	0	0	0	1	0	-	-	2	1	0	0	1
MEAN	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 82.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 17.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	-	-	1	1	1	0	0	-	0	0	0	0	-	-	0	0	1	0	0
2	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
3	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	1	1	0	-	-	0	0	0	0	0
4	0	1	1	1	0	0	-	-	0	0	-	0	0	0	0	0	0	0	-	-	0	0	0	0	0
5	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	1	0
6	0	0	0	0	1	1	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
7	0	0	0	0	0	0	-	-	0	0	0	0	-	0	0	0	0	0	-	-	0	0	0	0	0
8	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
9	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
10	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	1	0
11	1	2	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
12	0	0	0	0	0	0	-	-	1	1	1	0	0	0	0	0	0	0	-	-	0	0	0	0	0
13	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
14	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
15	0	0	1	1	0	1	-	-	1	1	1	1	1	1	1	0	0	1	-	-	1	1	1	1	1
16	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
17	0	1	0	1	0	0	-	-	0	0	0	0	0	0	4	1	1	1	-	-	2	1	1	0	1
18	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
19	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
20	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
21	0	0	1	0	0	0	-	-	1	1	1	0	0	0	0	0	0	1	-	-	0	0	0	1	0
22	1	1	1	1	0	1	-	-	1	1	0	0	0	0	0	0	0	1	-	-	0	0	0	0	0
23	0	0	0	0	0	0	-	-	2	2	2	0	0	0	0	0	0	0	-	-	0	0	0	1	0
24	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
25	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
26	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
27	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
28	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
29	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
30	0	1	1	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
31	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
MEAN	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 82.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 17.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	-	-	0	0	0	0	0	0	-	-	-	-	-	-	0	0	0	0	0
2	0	0	0	0	0	0	-	-	0	0	0	0	1	1	0	0	0	0	-	-	0	0	0	0	0
3	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	1	0
4	1	1	1	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	1	2	1	1	0
5	1	1	1	1	1	2	-	-	1	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	*****
6												- DATA UNAVAILABLE -													
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	-	0	-	0	0	0	0	0	******
8	0	0	0	0	0	0	-	0	1	1	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
9	1	2	1	3	1	0	-	0	0	0	0	0	1	2	0	1	1	0	-	0	0	0	0	0	1
10	1	1	0	0	0	1	-	1	1	1	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
11	0	0	0	0	0	0	-	0	0	1	0	0	0	0	0	0	0	0	-	1	1	0	1	1	0
12	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
13	0	1	1	1	0	0	-	0	0	3	4	3	3	2	1	0	0	0	-	0	0	0	0	0	1
14	0	0	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	0	1	1	0
15	1	1	0	1	1	2	-	1	1	1	0	0	0	0	0	0	0	0	-	1	0	1	0	0	1
16	0	0	0	0	0	0	-	0	1	0	0	0	0	0	-	-	1	1	-	1	1	1	2	2	1
17	2	1	1	1	0	1	-	0	1	1	1	1	1	1	0	0	1	1	-	1	1	1	1	1	1
18	1	1	1	1	1	1	-	-	1	1	1	1	1	0	0	0	0	1	-	-	4	4	3	2	1
19	1	1	2	2	3	3	-	4	6	3	2	0	0	0	0	****	****	****	-	-	****	****	****	****	******
20												- DATA INVALID -													
21												- DATA INVALID -													
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	-	-	0	0	0	0	******
23	0	0	0	0	0	0	-	-	1	1	0	0	0	0	0	0	1	2	-	-	1	1	1	1	0
24	1	0	0	0	1	1	-	-	0	0	0	1	0	0	0	0	0	1	-	-	1	1	0	0	0
25	1	1	1	1	1	1	-	-	0	1	0	0	1	1	1	1	0	0	-	-	0	0	0	0	1
26	0	0	0	0	0	0	-	-	0	0	1	1	0	0	0	0	0	0	-	-	1	1	1	1	0
27	1	1	1	1	1	0	-	-	1	1	1	1	0	0	0	0	0	0	-	-	1	1	0	1	1
28	1	1	1	1	0	1	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
29	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	3	-	-	0	0	0	0	0
30	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	1	1	1	0	0
MEAN	1	1	0	1	0	1	****	1	1	1	0	0	0	0	0	0	0	0	****	0	1	1	0	0	0.4

PERCENTAGE OF DATA VALID - 71.0 PERCENTAGE OF DATA INVALID - 10.1 PERCENTAGE OF DATA UNAVAILABLE - 18.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	1	-	-	0	0	0	0	0	1	1	1	0	0	-	-	1	1	1	0	0
2	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	1	-	-	1	1	1	0	0
3	0	0	0	0	0	1	-	-	1	1	1	1	1	1	1	-	1	1	0	-	1	1	1	1	1
4	2	1	1	1	1	1	0	-	0	1	1	-	0	0	0	0	0	0	0	-	0	1	1	0	1
5	1	1	1	0	0	1	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
6	0	0	0	0	0	0	0	-	1	1	1	1	1	1	0	0	0	0	0	-	1	1	1	3	1
7	1	1	1	2	2	2	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	2	2	2	1
8	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	1	1	0
9	1	1	1	1	2	2	0	-	1	1	1	1	0	0	0	0	1	1	0	-	1	1	1	1	1
10	3	2	1	0	0	0	0	-	1	1	1	1	1	1	1	1	1	1	0	-	1	1	1	0	1
11	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	-	****	****	-	-	****	****	****	****	******
12	****	****	****	****	****	****	-	-	1	0	0	1	1	1	1	****	0	0	-	0	0	1	2	1	******
13	2	2	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	-	1	1	1	0	0	0
14	1	1	1	0	0	0	-	0	0	0	0	0	1	1	1	0	0	0	-	0	0	0	1	1	0
15	1	1	1	1	1	3	-	0	0	1	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
16	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	-	-	-	0	0	0	0	0	0
17	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
18	0	0	0	0	0	0	-	1	2	1	1	1	1	1	0	1	1	1	-	0	0	0	0	0	1
19	0	0	0	0	0	0	-	1	1	1	1	1	1	1	1	2	1	1	-	0	0	0	0	0	1
20	0	0	1	1	0	0	-	1	1	0	1	1	1	1	1	0	0	0	-	1	1	0	0	0	1
21	0	0	0	1	0	1	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	1	1	1	0
22	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
23	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	1	0	0	-	0	0	0	0	0	0
24	1	0	0	0	0	0	-	2	2	2	2	1	0	0	1	1	1	1	-	1	0	0	0	0	1
25	0	0	0	0	0	0	-	0	0	1	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
26	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	1	0
27	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	1	1	1	0
28	1	1	0	0	0	0	-	0	0	0	0	0	0	0	0	0	1	1	-	1	2	2	1	1	1
29	1	2	1	2	1	1	-	1	1	1	1	1	1	1	1	1	2	2	-	2	2	1	1	1	1
30	2	1	1	1	1	1	-	1	1	1	0	0	0	0	1	1	2	2	-	2	1	1	1	2	1
31	0	0	0	0	0	0	-	1	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
MEAN	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0.4

PERCENTAGE OF DATA VALID - 88.4 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 9.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	0.7	2	7
FEB	23	0.7	2	8
MAR	12	0.3	1	3
APR	28	0.8	6	60
MAY	31	0.3	1	10
JUN	30	0.2	1	4
JUL	17	0.1	0	2
AUG		DATA UNAVAILABLE		
SEP	30	0.2	1	5
OCT	31	0.1	1	4
NOV	23	0.4	1	6
DEC	29	0.4	1	3
YEAR	280	0.4	6	60

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL REDUCEO SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANOUSK RO,NANTICOKE

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	602	0	0	0	0	0	0	0	602
FEB	514	0	0	0	0	0	0	0	514
MAR	270	0	0	0	0	0	0	0	270
APR	564	0	0	1	1	0	0	0	566
MAY	619	0	0	0	0	0	0	0	619
JUN	627	0	0	0	0	0	0	0	627
JUL	376	0	0	0	0	0	0	0	376
AUG		OATA UNAVAILABLE							
SEP	595	0	0	0	0	0	0	0	595
OCT	617	0	0	0	0	0	0	0	617
NOV	511	0	0	0	0	0	0	0	511
OEC	658	0	0	0	0	0	0	0	658
YEAR	5953	0	0	1	1	0	0	0	5955

FREQUENCY OISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	CONCENTRATIONS FREQUENCY OISTRIBUTION, PERCENT 50	70	90	95	98	99	MAX	ARITH MEAN
74.3	0	0.0	0.0	0.0	0.0	0.8	1.3	1.9	2.5	60	0.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REOUCEO SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22905 NANTICOKE RO/WALPOLE CONC 5,NANTICOKE MONTH - JAN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA UNAVAILABLE -																								
2	- DATA UNAVAILABLE -																								
3	- DATA INVALID -																								
4	****	****	****	****	****	****	****	****	****	****	****	****	****	0	1	1	1	1	1	0	0	0	0	0	******
5	****	0	0	0	0	0	0	0	0	0	0	0	****	0	1	1	1	1	1	0	0	0	0	0	0
6	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
7	****	0	0	1	1	1	1	1	1	0	0	0	****	0	1	1	1	1	1	1	1	1	0	0	1
8	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	1	1	0
9	- DATA INVALID -																								
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	******
11	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
12	0	0	0	****	0	0	0	0	1	1	1	1	0	0	0	****	0	0	0	0	0	0	0	0	0
13	1	1	1	****	2	2	2	1	0	0	1	1	1	1	0	****	1	1	1	0	0	1	1	0	1
14	0	1	1	****	1	1	1	1	0	0	0	0	0	0	0	****	0	0	0	****	****	****	****	****	0
15	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
16	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	1	0	0	0
17	0	0	0	****	0	0	0	0	0	0	0	0	0	1	1	****	0	0	0	0	0	0	0	0	0
18	0	0	0	****	0	0	0	0	****	****	****	****	****	0	0	****	0	0	0	0	0	0	0	0	0
19	0	0	0	****	1	2	2	2	2	2	1	1	0	0	0	****	0	0	1	0	0	0	0	0	1
20	0	0	0	****	0	0	1	1	1	1	1	1	1	1	1	****	0	0	0	0	0	0	0	0	0
21	0	0	0	****	0	1	1	3	2	1	1	0	1	0	0	****	0	0	1	1	1	1	1	1	1
22	1	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
23	0	0	0	****	0	0	0	0	0	1	1	1	1	1	0	****	0	1	1	1	0	0	0	0	0
24	0	0	0	****	0	0	0	0	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	******
25	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
26	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
27	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	1	5	1	0	0
28	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
29	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
30	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
31	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF OATA VALID - 74.2 PERCENTAGE OF DATA INVALIO - 17.2 PERCENTAGE OF OATA UNAVAILABLE - 8.6

NOTES 1. "*****" INDICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP ND 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	D	D	0	****	0	0	D	0	D	D	D	1	1	1	1	****	****	0	0	D	0	D	0	0	D
2	D	D	D	****	****	D	0	0	0	D	D	D	0	D	D	****	****	0	D	0	D	0	D	D	D
3	D	D	D	****	****	D	D	D	D	D	D	D	0	D	D	****	****	D	D	0	D	D	D	D	D
4	0	0	1	****	****	D	D	D	0	0	0	0	D	0	D	****	****	****	****	****	****	****	****	****	******
5	D	0	D	****	****	0	D	D	D	0	D	0	D	0	D	****	****	D	D	0	0	D	D	D	D
6	D	0	0	****	****	D	0	D	0	D	D	D	0	0	D	****	****	1	1	1	0	D	D	0	0
7	0	0	D	****	****	D	D	0	D	0	0	1	2	1	1	****	****	D	D	D	0	0	D	0	D
8	D	D	D	****	****	0	0	0	D	0	D	0	0	D	D	****	****	0	D	D	0	0	0	D	D
9	0	D	0	****	****	0	0	0	0	0	0	D	D	D	D	****	****	-	-	-	-	-	-	-	******
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
MEAN	0	0	0	****	0	0	0	D	0	D	D	0	0	0	D	****	****	0	0	0	0	0	D	0	D.1

PERCENTAGE OF DATA VALID - 24.9 PERCENTAGE OF DATA INVALID - 6.3 PERCENTAGE OF DATA UNAVAILABLE - 68.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP ND 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30	-	-	-	-	-	-	-	-	2	2	2	2	2	1	1	1	1	1	****	1	2	2	3	2	******
31	1	0	D	D	D	0	****	1	1	0	0	0	0	0	0	0	0	0	****	1	1	1	2	2	0
MEAN	1	D	D	D	D	D	****	1	2	1	1	1	1	1	1	1	1	1	****	1	2	2	3	2	0.9

PERCENTAGE OF DATA VALID - 5.0 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 94.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	4	4	3	1	0	****	0	0	0	1	0	0	1	1	4	5	2	****	1	2	1	1	1	2
2	1	0	0	0	0	0	****	0	1	1	0	****	****	****	****	****	****	****	-	-	****	****	****	****	******
3	****	****	****	****	****	****	-	1	1	0	0	1	3	3	2	2	1	0	-	2	2	1	3	4	2
4	5	5	4	3	3	1	-	2	1	1	2	2	2	2	2	1	0	0	-	1	0	0	1	0	2
5	0	1	1	1	1	2	-	2	1	2	2	2	1	2	2	1	1	1	-	1	****	****	****	****	1
6												- DATA INVALIO -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- OATA INVALID -													
10												- OATA INVALID -													
11												- DATA INVALIO -													
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	-	1	1	1	1	1	******
13	1	1	1	0	0	1	-	1	1	0	0	0	1	1	1	1	1	1	-	1	1	0	1	1	1
14	0	0	0	0	0	0	-	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
15												- DATA INVALID -													
16												- DATA INVALID -													
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	0	******
18	0	0	0	0	0	0	0	-	1	0	0	0	0	0	0	0	0	0	0	-	1	0	0	0	0
19	0	0	0	0	0	0	0	-	0	0	1	1	1	2	1	1	1	1	1	-	1	1	0	0	1
20	1	1	0	1	0	1	0	-	2	1	1	1	1	1	1	1	1	1	1	-	2	1	2	1	1
21	0	0	0	0	0	0	0	-	1	1	1	1	1	2	2	2	1	1	1	-	2	1	1	2	1
22	2	1	0	0	0	1	1	-	2	2	2	2	2	2	2	2	1	1	1	-	2	2	2	2	1
23	1	1	1	1	1	1	1	-	2	2	0	0	0	0	0	0	0	0	0	-	2	2	1	1	1
24	1	1	0	0	0	1	0	-	2	1	2	1	2	2	2	2	1	1	1	-	1	1	1	1	1
25	1	1	1	1	1	1	0	-	1	1	1	1	1	0	0	0	0	0	0	-	1	1	1	1	1
26	1	1	1	1	1	1	0	-	1	1	1	1	1	1	1	2	1	1	1	-	1	1	1	1	1
27	1	1	0	0	0	0	0	-	2	2	2	2	0	0	0	0	0	0	0	-	1	1	1	1	1
28	0	0	0	0	1	1	0	-	2	2	****	****	****	****	****	0	0	0	0	-	1	1	0	0	0
29	0	0	1	1	1	0	0	-	0	0	0	0	0	0	0	0	0	0	1	-	2	1	1	1	0
30	1	0	0	0	0	0	0	-	2	2	2	1	1	0	0	0	0	0	0	-	2	2	1	1	1
MEAN	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF OATA VALID - 56.8 PERCENTAGE OF DATA INVALID - 37.9 PERCENTAGE OF DATA UNAVAILABLE - 5.3

NOTES 1. "*****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REOUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC S,NANTICOKE MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	****	****	0	0	0	0	-	1	1	2	1	1	1	0	0	0	0	-	2	3	2	1	1	1
2	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	1	0	-	0	0	0	0	0	0
3	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	******
4	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	-	0	0	0	0	0	******
5	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
6	0	0	0	0	0	0	-	2	2	1	1	1	1	1	0	0	1	1	-	0	0	0	0	0	1
7	0	0	0	0	0	0	-	0	0	0	0	0	-	-	-	-	-	-	-	-	1	2	3	0	******
8	0	0	0	0	1	1	-	1	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
9	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
10	0	0	0	0	0	0	-	1	1	2	1	1	1	1	0	0	0	0	-	0	0	0	0	0	0
11	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	3	3	******
12	3	3	2	1	1	1	-	1	1	1	1	0	0	0	0	0	0	0	-	0	0	0	0	0	1
13	0	0	0	0	0	0	-	0	0	0	0	0	1	1	1	1	0	0	-	0	0	0	1	1	0
14	1	1	1	1	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	1	1	2	0
15	1	2	1	2	1	1	-	0	0	1	1	1	1	1	0	0	0	1	-	1	1	1	1	1	1
16	1	1	1	1	1	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
17	0	0	0	0	0	0	-	3	5	2	1	0	1	1	0	1	1	1	-	1	1	1	0	0	1
18	0	0	1	1	0	1	-	1	1	1	1	1	1	0	1	0	2	2	-	1	0	0	0	1	1
19	0	0	0	0	0	0	-	2	2	2	2	1	1	1	1	1	0	1	-	1	1	0	0	0	1
20	0	0	0	0	0	1	-	2	1	0	0	0	0	0	0	0	0	0	-	1	3	2	2	3	1
21	2	2	2	2	2	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	1	1	1	1
22	1	1	1	1	1	1	-	0	0	0	0	1	1	1	1	1	0	0	-	1	1	1	2	2	1
23	2	2	3	3	2	1	-	2	0	0	0	0	1	2	1	0	0	1	-	0	0	0	0	0	1
24	1	0	0	0	1	1	-	1	1	0	0	1	1	1	0	0	0	0	-	0	0	0	0	0	0
25	0	0	0	1	1	1	-	0	0	0	0	1	0	1	1	2	1	1	-	0	0	0	1	0	1
26	0	0	0	1	1	0	-	1	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
27	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
28	0	0	0	0	0	0	-	1	1	-	-	3	2	0	0	0	0	0	-	0	0	0	0	0	0
29	0	0	0	0	0	0	-	0	1	1	0	0	1	1	1	1	0	0	-	0	0	0	0	0	0
30	0	0	0	0	0	0	-	2	1	1	0	1	1	1	0	0	0	0	-	0	0	0	0	0	0
31	0	0	0	0	0	0	-	0	0	0	0	0	2	1	1	0	0	0	-	2	3	3	2	2	1
MEAN	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	****	0	1	1	1	1	0.4

PERCENTAGE OF OATA VALIO - 86.4 PERCENTAGE OF DATA INVALIO - 0.3 PERCENTAGE OF OATA UNAVAILABLE - 13.3

NOTES 1. "*****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	0	0	0	0	-	1	2	3	4	3	-	0	0	0	0	0	-	3	3	2	1	2	1
2	1	2	1	0	0	1	-	0	0	1	2	1	1	1	1	1	0	0	-	0	0	0	0	0	1
3	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	1	1	1	1	0
4	0	0	0	0	0	0	-	1	0	1	1	1	0	0	0	0	0	0	-	0	0	0	0	0	0
5	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
6	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	1	0
7	3	3	2	1	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
8	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
9	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
10	0	0	0	0	0	0	-	1	1	0	0	0	0	0	1	1	0	0	-	0	0	0	0	0	0
11	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
12	0	0	0	0	0	0	-	0	0	0	1	1	2	2	2	1	1	0	-	0	0	0	0	0	0
13	0	0	0	0	0	0	-	0	0	0	1	2	0	0	0	0	0	0	-	0	0	0	0	0	0
14	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
15	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
16	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	2	2	2	0
17	1	2	1	0	0	0	-	1	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
18	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
19	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
20	0	0	0	0	0	0	-	0	0	0	0	2	2	0	1	0	0	0	-	0	0	0	0	2	0
21	2	2	1	0	0	0	-	1	1	0	0	0	0	0	0	0	0	0	-	-	-	0	0	0	0
22	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
23	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0
24	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
25	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
26	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	1	1	1	1	0	0
27	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
28	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
29	0	0	0	0	0	0	-	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	******
30												- DATA UNAVAILABLE -													
MEAN	0	0	0	0	0	0 ****		0	0	0	0	0	0	0	0	0	0	0 ****		0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 86.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 13.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	******
4	0	0	0	0	0	0	-	-	0	1	0	1	3	1	0	1	0	3	-	-	1	0	0	0	1
5	0	0	0	0	0	0	-	-	0	0	0	0	-	0	0	0	0	0	-	-	0	0	0	0	0
6	0	0	0	1	1	1	-	-	1	2	2	2	1	0	0	1	1	0	-	-	0	0	0	0	1
7	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
8	0	0	0	0	0	0	-	-	1	1	1	0	0	0	0	0	0	0	-	-	0	0	0	0	0
9	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
10	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
11	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
12	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
13	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
14	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
15	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
16	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
17	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
18	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
19	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	******
20	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
21	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
22	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
23	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
24	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
25	0	0	0	0	0	0	-	-	0	0	0	-	-	-	0	0	0	0	-	-	0	0	0	0	0
26	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
27	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
28	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
29	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
30	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
31	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0
MEAN	0	0	0	0	0	0 ****	****		0	0	0	0	0	0	0	0	0	0 ****	****		0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 73.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 26.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRDNMENT - AIR RESDRCES BRANCH

PDLLUTANT - TDTAL REDUCEO SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP ND 229DS NANTICOKE RO/WALPDLE CONC S.NANTICOKE MDNTH - AUG 79

HDUR / OAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	1S	16	17	1B	19	20	21	22	23	24	MEAN
1	0	0	D	D	0	0	-	-	-	-	-	-	****	****	****	1	D	D	-	-	1	1	2	1	******
2	1	1	2	2	1	0	-	1	1	2	2	2	1	1	1	1	1	1	-	-	1	1	2	1	1
3	2	2	2	1	2	2	-	-	1	1	0	0	-	-	-	-	-	-	-	-	-	-	-	-	******
4												- DATA UNAVAILABLE -													
S												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
B												- DATA UNAVAILABLE -													
9	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	-	1	1	1	2	1	******
10	2	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
11												- DATA UNAVAILABLE -													
12												- OATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	D	-	-	2	2	2	2	******
1S	2	1	1	1	0	1	-	-	D	0	1	1	1	1	1	1	1	1	-	-	0	0	0	D	1
16	D	0	D	D	D	0	-	-	D	D	0	1	1	1	1	0	D	D	-	-	0	D	D	0	D
17	D	D	D	D	D	0	-	-	D	0	0	0	0	D	D	D	D	D	-	-	D	0	D	1	D
1B	1	1	D	0	0	D	-	-	0	0	1	D	D	D	0	0	D	0	-	-	0	D	D	0	0
19	D	0	D	0	0	0	-	-	D	0	0	1	D	D	D	0	0	0	-	-	0	0	0	0	D
2D	0	0	D	D	0	D	-	-	0	D	1	1	1	D	D	0	0	D	-	-	0	0	1	0	D
21	0	0	0	0	0	0	-	-	0	0	D	0	0	D	0	0	0	0	-	-	0	1	0	0	0
22	D	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
23												- DATA INVALID -													
24												- DATA INVALIO -													
2S												- OATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- OATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
31												- OATA INVALIO -													
MEAN	1	1	D	D	0	0	****	1	0	D	1	1	0	D	0	0	0	0	****	1	0	1	1	1	0.4

PERCENTAGE OF OATA VALIO - 28.4 PERCENTAGE DF DATA INVALIO - 30.D PERCENTAGE OF OATA UNAVAILABLE - 41.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TD INSTRUMENTATIDN FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE OAY

DNTARID MINISTRY OF THE ENVIRONMENT - AIR RESDURCES BRANCH

POLLUTANT - TDTAL REDUCEO SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATIDN - NMP NO 2290S NANTICOKE RO/WALPOLE CDNC S.NANTICDKE MDNTH - SEP 79

HDUR / OAY	1	2	3	4	S	6	7	8	9	1D	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
S												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA INVALIO -													
12	****	****	****	****	1	1	1	1	2	2	0	0	D	D	D	-	D	0	0	0	0	0	1	2	1
13	2	2	D	-	D	D	0	0	1	1	1	1	0	0	D	-	0	D	D	0	D	0	0	0	D
14	0	0	1	-	D	0	0	1	D	D	0	D	0	D	D	-	0	D	D	0	D	D	D	0	0
1S	0	****	0	-	0	D	D	0	0	D	D	0	D	0	D	-	0	D	0	0	0	0	0	0	0
16	D	0	D	-	D	0	0	0	D	0	D	D	0	D	D	-	1	0	D	0	0	0	0	0	D
17	0	0	D	-	0	0	0	0	0	0	D	0	0	0	D	-	0	D	D	0	0	D	0	0	D
1B	0	0	D	-	0	0	0	0	D	0	0	0	0	D	D	-	0	0	0	0	0	0	0	0	0
19	0	0	0	-	0	0	0	0	0	0	0	D	0	D	D	-	0	0	0	0	0	0	0	0	0
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
2S												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- OATA UNAVAILABLE -													
3D												- OATA UNAVAILABLE -													
MEAN	D	D	0	****	0	0	0	0	D	D	0	D	0	0	0	****	0	D	0	D	D	0	0	0	0.1

PERCENTAGE DF OATA VALID - 23.9 PERCENTAGE OF OATA INVALIO - 1.8 PERCENTAGE OF OATA UNAVAILABLE - 74.3

NOTES 1. "*****" INDICATES INVALIO OATA DUE TD INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN DNE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCEO SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 2290S NANTICOKE RO/WALPOLE CONC S.NANTICOKE MONTH - OCT 79

HOUR DAY	1	2	3	4	S	6	7	B	9	10	11	12	13	14	15	16	17	1B	19	20	21	22	23	24	MEAN
1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	******
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
S												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
B												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- OATA UNAVAILABLE -													
11												- OATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
1S												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- OATA UNAVAILABLE -													
MEAN	0	0	0	****	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	0.0

PERCENTAGE OF OATA VALID - 1.7 PERCENTAGE OF DATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 98.3

NOTES 1. "*****" INDICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCEO SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 2290S NANTICOKE RD/WALPOLE CONC S.NANTICOKE MONTH - OEC 79

HOUR DAY	1	2	3	4	S	6	7	B	9	10	11	12	13	14	1S	16	17	1B	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- OATA UNAVAILABLE -													
3												- OATA UNAVAILABLE -													
4	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	-	0	0	0	1	1	******
S	0	0	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
6	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	****	****	0	-	0	0	0	0	0	0
7	0	0	0	0	0	0	-	0	0	0	1	1	0	0	0	0	0	0	-	0	0	0	0	0	0
B	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
9	0	0	0	1	2	2	-	1	1	1	1	1	0	0	0	0	0	0	-	0	0	0	0	0	0
10	0	0	0	0	0	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
11	0	0	0	0	0	0	-	0	0	0	0	0	****	****	0	0	0	0	-	0	0	0	0	0	0
12	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
13	1	2	0	0	0	0	-	0	1	1	0	****	2	2	3	0	0	0	-	0	0	0	0	0	1
14	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	1	0
1S	1	2	0	0	1	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
16	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
17	0	0	0	0	0	0	-	0	0	0	0	0	****	****	****	0	0	0	-	0	0	0	0	0	0
1B	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
19	0	0	0	0	0	0	-	-	-	****	****	****	****	****	****	****	****	-	-	0	0	0	0	0	******
20	0	1	2	2	0	0	-	0	0	1	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
21	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
22	0	1	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
23	1	1	1	1	1	1	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	2	2	0
24	1	2	1	2	1	1	-	2	1	1	1	0	0	0	0	0	0	0	-	0	0	0	0	0	1
25	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	****	****	****	****	0
26	****	****	****	****	****	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
27	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
28	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
29	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
30	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
31	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0.1

PERCENTAGE OF OATA VALIO - 77.7 PERCENTAGE OF OATA INVALIO - 3.4 PERCENTAGE OF OATA UNAVAILABLE - 19.0

NOTES 1. "*****" INDICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	24	0.2	1	5
FEB	7	0.1	0	2
MAR	1	0.9	0	3
APR	18	0.9	2	8
MAY	27	0.4	1	5
JUN	28	0.2	1	4
JUL	27	0.0	1	3
AUG	8	0.4	1	2
SEP	8	0.1	1	2
OCT	0	0.0	****	0
NOV		DATA UNAVAILABLE		
DEC	26	0.1	1	3
YEAR	174	0.3	2	8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	552	0	0	0	0	0	0	0	552
FEB	167	0	0	0	0	0	0	0	167
MAR	37	0	0	0	0	0	0	0	37
APR	409	0	0	0	0	0	0	0	409
MAY	643	0	0	0	0	0	0	0	643
JUN	621	0	0	0	0	0	0	0	621
JUL	549	0	0	0	0	0	0	0	549
AUG	211	0	0	0	0	0	0	0	211
SEP	172	0	0	0	0	0	0	0	172
OCT	13	0	0	0	0	0	0	0	13
NOV		DATA UNAVAILABLE							
DEC	578	0	0	0	0	0	0	0	578
YEAR	3952	0	0	0	0	0	0	0	3952

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
49.2	0	0.0	0.0	0.0	0.0	0.7	1.2	1.8	2.1	8	0.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	4	4	4	3	2	4	3	1	0	0	0	0	0	1	0	0	0	0	0	1	1	1	2
2	1	1	3	4	5	5	5	5	5	4	2	0	0	0	1	1	2	3	1	0	0	0	2	2	2
3	4	2	2	1	****	****	****	****	****	****	0	0	0	1	0	0	2	3	2	2	2	3	2	4	2
4	4	3	3	1	1	1	1	1	1	1	1	1	3	1	1	3	1	1	1	1	1	2	3	6	2
5	5	5	2	0	0	0	0	0	0	1	0	1	2	1	2	3	2	1	2	1	2	3	0	2	1
6	1	1	2	2	7	7	3	2	8	7	4	4	5	5	4	4	4	4	4	4	4	4	4	6	4
7	6	8	11	6	4	3	3	3	3	3	3	3	3	3	4	4	4	5	5	4	5	5	4	4	4
8	5	5	5	5	5	6	9	6	7	11	7	5	4	5	6	5	6	12	6	7	6	6	5	5	6
9	4	2	3	3	2	4	2	2	2	2	****	3	1	2	1	3	3	2	4	3	2	3	3	3	3
10	4	3	5	2	5	4	4	2	2	2	2	1	3	3	4	3	10	3	7	0	1	1	0	0	3
11	0	0	2	1	1	0	0	0	0	0	1	1	1	11	2	2	2	1	7	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	1	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0
13	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1
14	1	1	2	1	1	2	3	2	2	2	1	1	1	1	1	1	1	1	1	4	7	4	4	7	2
15	9	7	12	7	2	2	2	2	2	2	2	1	****	3	4	3	3	3	4	4	3	3	3	3	4
16	1	2	3	3	2	4	2	3	3	6	9	8	11	6	3	4	2	2	1	5	2	9	1	2	4
17	2	2	4	4	2	3	3	3	3	3	4	4	3	3	3	3	9	10	9	5	3	6	4	6	4
18	6	10	4	7	9	2	2	2	2	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	2
19	1	0	2	1	1	1	1	3	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	1	1
20	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	1	2	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	2	4	2
22	3	3	4	2	2	2	2	5	8	****	0	0	0	0	0	0	0	0	5	6	2	0	1	6	2
23	5	2	2	3	1	1	0	0	0	0	0	1	1	0	0	0	1	0	0	1	1	0	0	0	1
24	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	0	0	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1	1	2	1	2	2	1
27	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2
28	3	4	3	2	1	2	2	2	2	2	2	2	2	1	1	2	1	1	1	2	1	2	2	1	2
29	1	1	2	2	2	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0
31	0	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	1	1	0	0	1	1	0	1
MEAN	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	1	1	1	4	5	1	1
3	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1
4	3	3	3	2	2	3	4	4	5	4	5	4	4	5	5	5	3	5	4	4	4	3	3	4	4
5	3	3	2	3	3	2	4	5	2	2	2	1	0	0	2	2	6	10	10	7	10	14	15	17	5
6	12	20	20	9	22	18	5	3	5	4	5	5	6	4	4	4	3	3	3	3	2	3	4	4	7
7	5	5	5	5	6	5	6	5	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	7	10	10	11	8	4	3	4	5	4	4	4	4	3	3	3	3	3	3	2	2	2	2	5
9	3	2	2	2	0	0	1	****	****	****	****	1	3	3	3	3	3	2	2	1	4	9	13	13	4
10	1	3	4	4	4	9	8	4	11	10	3	3	3	3	3	3	3	2	2	1	0	0	0	0	4
11	1	1	1	1	1	1	1	1	0	0	0	1	2	2	3	3	3	3	2	1	1	1	1	1	1
12	1	1	2	2	4	3	3	3	4	5	4	5	6	6	5	4	4	4	4	4	3	2	1	2	3
13	1	1	1	1	1	1	2	2	2	2	1	0	0	2	2	3	3	3	2	2	2	0	0	0	1
14	0	0	0	0	0	1	1	2	1	0	1	2	3	3	0	0	0	0	0	0	0	0	0	0	1
15	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	****	-	-	-	-	-	-	-	-	-	-	-	-	******
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	5	3	4	4	7	3	7	5	6	******
20	3	4	4	4	7	5	4	4	7	3	****	6	7	7	5	4	6	5	4	5	3	4	5	5	5
21	5	8	4	3	3	3	3	3	3	3	4	5	7	5	6	8	5	5	4	4	4	4	5	12	5
22	14	7	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	1	2	2	2	2	2	3
23	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	5	4	4	4	6	6	7	7	4
24	9	5	4	4	4	4	4	4	4	3	4	4	4	4	4	3	3	3	3	2	2	3	4	5	4
25	3	3	3	3	3	3	3	3	2	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3
26	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3
27	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	4	4	5	7	9	5
28	9	14	13	9	4	4	4	6	4	4	4	4	4	5	6	4	4	4	4	4	4	4	4	3	5
MEAN	4	4	4	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3.2

PERCENTAGE OF DATA VALID - 88.1 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 10.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	3	3	3	3	3	4	2	3	3	2	2	2	2	2	3	3	3
2	4	3	4	5	2	3	3	3	3	3	3	5	4	1	1	1	1	2	2	1	1	1	1	1	2
3	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	1	1	1	2	1	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	2	2	2	2	2	2
5	2	3	2	2	2	2	3	2	2	2	3	2	2	4	2	2	3	4	4	4	3	2	3	2	3
6	2	1	2	2	2	2	2	2	3	2	2	2	2	3	3	3	3	3	4	2	2	2	5	2	2
7	5	4	2	2	2	2	2	2	2	2	2	2	3	4	3	4	3	3	3	3	2	2	2	2	3
8	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1
9	1	2	1	1	1	1	2	2	2	3	2	2	3	1	2	2	2	2	2	2	2	2	2	2	2
10	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	4	4	3	2	2	1	1	3
11	1	1	1	1	1	1	1	1	1	1	1	1	2	2	5	2	2	1	1	1	1	2	1	1	1
12	4	6	6	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	4	1	1	2
13	3	2	2	3	3	3	3	2	2	2	2	4	4	6	5	4	4	5	7	4	4	3	2	2	3
14	2	3	3	3	4	3	4	4	3	2	3	****	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	2	2	5	2	2	6	1
16	10	8	9	9	5	4	3	0	0	0	1	1	1	2	2	2	2	4	2	2	3	3	2	2	3
17	1	0	0	0	1	2	0	0	0	0	0	0	1	2	1	1	1	1	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	3	2	1
25	1	1	1	1	1	1	1	1	1	2	2	2	2	4	2	1	1	2	0	0	0	1	1	1	1
26	0	0	0	0	0	0	2	2	0	0	0	****	1	2	2	3	4	1	3	4	5	1	0	0	1
27	0	0	0	0	0	0	1	0	0	0	0	0	0	1	4	3	1	1	0	0	0	0	1	1	1
28	0	0	0	1	2	2	2	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1
29	1	1	1	2	2	2	3	5	3	3	3	****	0	0	0	0	0	0	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	2	2	3	2	2	5	3	1
31	1	2	2	2	1	1	1	2	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
MEAN	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	1	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	3	3	3	2	2	2	1	1
3	2	4	4	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	3	3	2	3	5	4	2	5	4	2	1	2	2	2	2	2	3	2	2	1	2	2	2	2
6	1	3	3	2	2	3	4	3	3	4	6	5	0	0	0	0	0	0	0	0	0	0	0	0	2
7	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	1	1	3	2	2	2	4	3	4	8	7	3	3	4	3	2	3	1	3	2
15	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	1	2	3	3	3	****	****	1	1	2	2	2	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
29	2	0	0	0	0	0	0	1	2	1	1	3	1	1	2	1	0	1	1	1	0	2	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	9	5	4	8	7	4	1	1	2
MEAN	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	1	1	0	1	0	0	0	0	0.4

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	3	3	****	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	3	0	0	0	0	0
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
7	1	1	0	0	1	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	0	0	0	0	0
9	0	0	1	2	2	3	5	5	5	4	4	5	5	7	8	7	6	6	6	11	7	2	0	0	4
10	0	0	0	0	1	1	0	1	1	2	3	2	3	****	****	1	2	2	1	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	1	1	0	0	1	2	1	0	0	0	0	0	0	0	0	0
12	0	0	1	1	0	0	1	2	2	0	0	0	2	2	2	1	1	2	1	1	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	2	1	1	0
14	1	1	0	1	1	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18	-	-	-	-	-	-	-	-	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	******
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
21	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2	1	1	0
27	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
28	1	0	1	2	1	0	1	0	0	0	0	0	****	****	2	2	2	1	2	1	2	1	1	1	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	2	2	1	3	2	1	1	0	0	1
31	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0.4

PERCENTAGE OF DATA VALID - 85.2 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 12.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	****	0	1	1	1	1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	6	4	2	1
3	4	3	1	1	1	11	1	0	1	4	4	2	2	3	3	2	3	2	2	3	3	3	1	2	3
4	2	0	0	1	1	1	1	0	0	0	0	1	****	1	1	1	2	6	4	5	5	1	1	3	2
5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	****	****	****	1	2	2	4	4	4	4	3	2	2	2	2	2	2
7	2	2	2	2	2	2	2	3	3	3	3	3	2	3	3	3	3	3	3	2	2	2	2	2	2
8	2	2	2	2	2	2	2	3	3	2	2	1	2	2	2	2	2	2	2	2	2	1	1	1	2
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	3	1	1	2	1	1	1	1	1	1	1	1	1	0	1	1	1
11	1	1	1	1	0	0	0	0	0	****	0	0	****	****	0	0	0	0	0	1	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	1	0	0	2	1	0	****	1	2	2	3	4	4	4	4	4	4	3	3	8	4	2
14	2	4	3	1	1	4	5	5	5	5	4	****	3	2	3	5	4	5	4	3	4	3	3	5	4
15	7	6	5	4	4	6	8	8	****	****	4	6	3	4	5	5	5	6	6	6	8	7	8	7	6
16	5	3	4	4	3	3	3	5	5	2	2	2	3	3	3	4	4	5	6	7	6	7	5	2	4
17	3	3	6	4	3	4	4	4	4	4	7	5	3	6	5	5	4	5	4	6	3	3	2	2	4
18	2	2	1	1	1	1	1	1	1	1	****	2	3	3	4	4	4	5	5	5	4	3	3	3	3
19	2	2	2	2	2	2	2	3	4	4	3	3	4	4	4	5	6	6	5	4	3	2	2	2	3
20	3	3	3	3	3	2	2	3	3	3	3	5	6	****	2	4	4	4	2	1	1	0	0	1	3
21	1	1	1	3	2	9	3	2	2	2	3	2	2	3	3	3	4	3	2	2	1	1	1	0	2
22	0	0	0	0	0	0	0	0	0	****	4	4	4	5	5	4	3	2	2	2	2	2	2	2	2
23	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
24	2	2	2	2	2	2	2	2	3	3	4	5	5	5	5	5	5	6	6	6	5	4	3	3	4
25	3	3	3	3	3	3	4	4	5	4	4	5	5	5	5	****	5	6	6	6	5	5	5	4	4
26	6	10	6	5	4	4	5	5	6	6	6	6	6	6	7	8	8	9	9	10	7	5	5	4	6
27	4	5	4	6	6	6	7	7	8	11	13	9	6	****	0	1	2	2	2	2	1	2	0	0	5
28	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	3	4	4	4	2	1	0	0	0	1
29	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	1	2
30	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	0	0	0	0	0	0	0	1
MEAN	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2.3

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	2	0	0	0	1	1	1	1	1	2	3	2	1	0	0	0	1
4	0	0	0	0	0	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	2	1	****	2	2	4	5	6	6	4	2	1	0	0	2
6	0	0	0	2	0	0	0	0	1	1	1	1	1	****	3	4	6	6	5	4	3	3	3	3	2
7	2	2	2	1	1	1	1	2	2	3	5	6	6	6	8	8	8	7	6	8	9	7	6	3	5
8	3	3	3	3	3	3	4	5	6	7	8	8	8	8	9	9	9	10	9	7	6	6	5	5	6
9	5	6	6	6	5	6	6	6	6	6	3	****	****	****	3	6	7	6	6	6	6	6	6	6	6
10	5	5	4	4	4	4	5	5	5	5	5	5	5	6	6	6	5	5	5	5	3	3	3	3	5
11	5	5	6	4	4	4	4	4	4	5	6	6	7	8	8	7	9	7	5	5	2	4	5	6	5
12	6	6	6	6	6	5	5	5	5	5	10	7	6	1	****	32	30	15	6	2	1	2	2	2	7
13	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	3	3	2	1	1	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	1	1	1	1	0	0	1	1	2	1
15	6	14	5	3	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	******
17	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	******
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	0	2	4	0	0	1
20	0	0	0	0	0	0	2	1	****	****	0	0	2	2	1	0	0	0	0	0	2	0	0	0	0
21	3	2	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	3	2	1	1	1
22	0	2	1	4	6	2	1	3	3	1	0	0	0	0	0	0	0	0	3	2	2	3	1	0	1
23	0	0	0	0	1	2	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
24	1	1	0	0	0	2	2	2	2	1	0	1	2	2	2	2	2	3	1	1	1	1	0	1	1
25	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	2	2	3	3	4	5	5	6	6	8	7	6	6	4	3	2	0	3
28	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0
29	10	3	0	0	0	6	2	1	0	1	1	1	0	0	0	1	1	2	2	1	1	1	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	7	7	8	9	7	6	6	7	6	3
31	4	3	3	3	3	4	4	4	5	6	5	6	7	6	6	5	5	4	4	5	5	5	5	4	5
MEAN	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	4	4	3	3	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 95.3 PERCENTAGE OF DATA INVALID - 4.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	5	5	6	6	6	6	6	6	6	5	5	5	5	5	6	5	5	5	5	5	5
2	4	4	4	4	4	3	3	4	4	5	5	5	4	3	3	4	3	3	3	3	3	4	4	2	4
3	3	3	2	2	3	2	4	3	****	4	6	8	9	9	10	9	7	9	10	9	13	12	9	7	7
4	6	6	5	5	4	4	5	5	5	5	6	6	6	6	7	8	9	9	7	6	7	7	7	****	6
5												-	DATA	INVALID	-										
6												-	DATA	INVALID	-										
7												-	DATA	INVALID	-										
8	****	****	****	****	****	****	****	****	2	1	1	4	8	6	6	5	5	3	0	0	0	0	0	0	3
9	0	0	0	0	0	0	0	2	2	2	2	2	2	3	4	4	3	2	2	2	2	3	2	2	2
10	2	2	2	2	1	1	1	2	3	3	2	1	0	****	1	1	2	2	2	1	1	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1	0	0	0	0	0	0
13	1	1	0	0	0	0	2	2	1	1	2	4	4	3	10	5	20	6	11	3	4	6	1	1	4
14	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	1	0	0	0	0	0	0	0	0	0	0	****	0	0	0	1	1	2	2	1	0	0
17	0	1	0	0	0	0	1	1	1	2	3	8	2	2	3	2	2	2	2	2	2	3	2	2	2
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	1	2	2	2	3	2	0	0	1
24	0	0	0	0	2	1	0	0	****	1	1	2	1	1	1	1	1	1	2	2	2	2	2	2	1
25	1	0	1	2	2	2	1	2	1	2	2	2	3	4	4	3	2	4	3	4	5	1	1	0	2
26	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0	0	1	1	0
28	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	1	1	2	1	1	3	2	2	3	3	4	2	3	3	****	****	1
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	2	1	1	0	******
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	2	2	2	2	1	1	1.4

PERCENTAGE OF DATA VALID - 86.0 PERCENTAGE OF DATA INVALID - 14.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 2900B NORTH PARK HAMILTON MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	2	2	2	0	0	1	2	1	1	1	2	2	1	1	1	0	1	3	2	1
2	2	2	2	1	1	1	0	0	0	0	0	1	1	2	2	3	2	3	3	3	2	2	2	2	2
3	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	1	1	1	1	1	0	1
9	0	0	0	0	0	0	0	2	5	2	1	1	1	2	3	2	2	2	2	3	3	4	6	4	2
10	2	2	1	2	4	3	7	4	10	8	17	18	13	12	3	0	1	1	0	0	0	0	0	0	5
11	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	******
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	0	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 35.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 65.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 2900B NORTH PARK HAMILTON MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30	-	-	-	-	-	-	-	-	-	-	-	-	0	****	****	****	0	0	0	0	0	0	0	0	******
31	0	0	0	0	0	0	0	0	0	0	0	0	****	****	1	1	1	1	1	2	2	1	1	1	1
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	1	1	1	1	0.4

PERCENTAGE OF DATA VALID - 4.2 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 95.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	2	3	3	2	2	1	2	6	5	3	3	5	5	4	8	4	4	4	3
2	4	4	4	5	5	4	5	6	5	4	3	5	5	5	5	5	8	9	10	11	8	3	3	3	5
3	2	2	4	5	2	2	2	3	5	3	5	4	4	5	5	8	9	9	4	4	6	4	6	14	5
4	16	12	8	6	5	5	3	3	1	1	0	0	0	0	0	0	2	1	2	4	6	6	5	3	4
5	2	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	6	4	4	3	3	3	4	6	2
8	0	1	1	0	0	1	2	2	1	1	3	5	4	2	1	1	2	1	1	2	2	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	2	3	4	5	3	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	1	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0
15	3	7	4	4	4	3	2	1	1	1	0	0	1	1	2	2	1	1	2	2	2	2	1	1	2
16	0	0	0	0	0	0	0	0	1	1	2	2	1	1	4	4	4	4	8	3	2	2	2	0	2
17	1	1	1	1	2	1	2	1	1	1	2	2	2	2	0	2	3	3	1	2	3	2	3	3	2
18	2	2	0	3	6	9	1	2	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2
19	1	1	0	0	0	0	0	0	1	1	1	2	0	0	0	0	0	0	0	0	0	1	1	0	0
20	0	0	1	2	2	2	2	3	3	2	****	3	4	4	4	2	2	2	2	1	1	0	0	0	2
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	3	3	3	5	4	6	2	2	3	4	2	1	5	1	1	3	3	2	3	2	2
23	2	2	2	2	2	0	1	1	3	3	3	3	3	6	1	1	2	2	0	0	0	0	0	0	2
24	0	0	1	1	0	0	0	0	0	0	1	2	1	1	4	4	2	2	4	1	4	4	3	3	2
25	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	1	1	1	1	2	2	****	****	****	****	****	****	3	4	3	2	2	3	3	3	4	2
27	2	2	1	1	2	2	2	2	2	2	2	2	10	3	2	5	5	4	1	0	0	0	0	0	2
28	0	0	0	0	0	0	2	0	0	1	9	11	9	12	9	9	7	5	4	3	3	3	3	3	4
29	0	2	1	1	2	2	2	2	3	3	1	3	2	2	4	4	4	4	5	4	4	4	4	3	3
30	3	3	2	3	3	3	3	3	3	4	4	7	8	6	5	4	4	4	4	4	3	3	2	2	4
MEAN	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	2	2	1	1	0	0	1	2	1	1	1	2	3	3	2	2	1	1	1	1	1
2	1	0	0	3	4	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	2	3	3	1
3	3	5	8	10	9	7	6	7	7	7	8	9	6	20	9	10	10	12	16	12	9	9	5	5	9
4	7	8	9	8	6	7	5	5	5	5	5	6	6	3	4	****	****	****	****	****	****	1	1	1	5
5	1	1	2	2	3	4	7	10	6	****	12	10	10	11	9	8	8	8	7	8	8	9	9	10	7
6	10	8	8	7	6	7	7	7	6	7	5	5	6	5	4	4	4	5	4	3	4	3	3	3	5
7	3	3	3	3	3	3	2	2	2	2	1	****	0	0	1	2	3	3	1	1	2	1	1	1	2
8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	5	7	8	6	1
9	8	16	12	10	8	7	5	4	4	5	5	7	3	3	3	3	5	6	4	4	5	2	0	0	5
10	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	1	0	0	0	1	2	3	3	0
11	4	5	19	4	4	4	5	4	5	****	****	2	2	3	7	4	3	5	6	2	3	8	2	1	5
12	5	4	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0
14	0	1	1	2	2	3	3	3	1	1	1	1	0	0	0	0	0	0	0	0	0	1	2	3	1
15	3	3	2	3	5	5	5	4	4	4	4	5	4	4	4	3	6	7	9	9	8	11	6	6	5
16	6	5	3	2	3	3	1	1	2	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	1	1	2	1	****	2	1	1	0	0	1	0	1	2	2	2	3	1
18	4	3	2	2	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	1	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	****	****	1	1	1	2	3	3	4	3	4	5	3	2	1	2
29	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	2	2	1	1	3	4	4	8	1
30	10	3	5	3	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
31	1	1	1	1	0	1	1	0	0	****	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0
MEAN	2	2	3	2	2	2	2	2	1	1	2	2	1	2	2	1	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 2.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.0	6	12
FEB	24	3.2	7	22
MAR	31	1.4	3	10
APR	30	0.4	2	9
MAY	26	0.4	4	11
JUN	30	2.3	6	13
JUL	29	2.0	7	32
AUG	27	1.4	7	20
SEP	10	1.0	5	18
OCT	1	0.4	1	2
NOV	30	1.7	5	16
DEC	31	1.8	9	20
YEAR	300	1.6	9	32

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	729	6	0	0	0	0	0	0	735
FEB	576	15	1	0	0	0	0	0	592
MAR	740	0	0	0	0	0	0	0	740
APR	715	0	0	0	0	0	0	0	715
MAY	633	1	0	0	0	0	0	0	634
JUN	700	3	0	0	0	0	0	0	703
JUL	705	2	0	2	0	0	0	0	709
AUG	636	4	0	0	0	0	0	0	640
SEP	248	4	0	0	0	0	0	0	252
OCT	31	0	0	0	0	0	0	0	31
NOV	706	6	0	0	0	0	0	0	712
DEC	717	10	0	0	0	0	0	0	727
YEAR	7136	51	1	2	0	0	0	0	7190

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
82.1	0	0.0	0.0	0.2	1.6	4.2	5.6	7.9	9.4	32	1.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	1	1	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	****	-	-	-	-	-	-	-	-	-	-	-	-	-	******
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17	-	-	-	-	-	-	-	-	-	-	-	- **** ****			2	2	2	1	1	1	0	0	0	0	******
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	1	3	3	3	3	1	1	2	2	2	2	2	1	0	0	0	0	1
20	0	0	0	0	0	0	0	0	1	0	0	1	1	0	2	3	3	2	2	2	2	0	0	0	1
21	3	4	20	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	1	1	****	****	0	0	0	0	1	1	1	0	0	0	1	2	2	0
24	1	1	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 57.1 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 42.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	****	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	1	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
8	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	1	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	1	1	1	2	****	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 40.2 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 59.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	-	-	-	-	-	-	-	-	****	21	22	19	16	12	12	15	21	9	2	0	0	0	0	******
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	1	0	0
3	1	1	1	2	2	0	0	0	2	3	8	38	20	13	18	21	20	15	4	2	4	10	4	2	8
4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	1	0	2	3	3	3	3	7	5	12	3	3	2	2	6	4	9	3
8	4	1	2	2	0	0	0	0	0	1	3	4	3	12	6	4	3	4	0	0	0	0	4	0	2
9	0	0	0	0	0	0	1	3	3	2	2	****	1	1	0	1	4	3	1	1	2	4	2	1	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	1	1	18	21	34	15	15	12	12	6	1	2	6
18	13	9	4	1	1	0	2	2	12	8	11	5	10	3	3	2	0	8	5	2	6	1	11	12	5
19	4	4	3	4	2	7	6	4	3	4	4	1	7	8	7	4	24	7	8	1	2	1	3	5	5
20	5	3	3	2	3	3	4	3	2	1	7	15	19	3	2	14	1	1	1	1	3	3	4	4	4
21	5	7	5	2	2	3	5	4	5	2	6	8	7	13	11	13	15	16	9	4	4	5	7	9	7
22	9	6	5	4	5	4	8	7	10	9	6	9	10	5	6	5	8	8	11	30	16	14	10	27	10
23	13	5	0	6	3	9	5	18	31	****	13	10	28	12	26	34	13	13	17	13	8	0	0	0	12
24	0	7	50	63	36	6	5	5	21	10	2	0	0	30	15	21	5	0	0	0	0	0	0	0	12
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	******
29													- DATA INVALID -												
30	****	****	****	****	****	****	****	****	****	****	****	****	40	8	1	1	0	0	1	1	1	1	0	1	******
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	3	3	2	1	1	2	3	2	3	4	6	4	5	5	5	4	3	3	2	2	2	2	2.9

PERCENTAGE OF DATA VALID - 91.9 PERCENTAGE OF DATA INVALID - 6.9 PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	6	2	1	1	2	1
2	1	1	1	3	9	2	4	2	1	2	2	2	1	1	1	1	1	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	18	1	1	1
4	5	7	1	1	4	4	4	1	1	1	1	1	1	1	4	3	5	3	5	5	3	3	6	1	3
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	1	1	2	1	0	1	1	0	1	6	7	3	1	1	2	4	6	2	1	0	2
9	1	1	0	0	1	0	1	3	10	13	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	2	1	2	1	0	6	4	12	13	******
12	16	6	1	2	3	2	1	1	4	1	2	****	4	2	1	2	9	2	7	2	9	5	10	19	5
13	32	44	15	10	2	5	1	4	18	6	10	17	12	4	14	19	11	2	15	12	3	12	4	1	11
14	0	0	0	0	6	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	1	1	0	3	8	5	0	0	6	1	3	4	6	2	0	0	1	1	2
20	0	8	6	8	0	0	1	1	1	****	15	8	7	4	5	5	2	1	1	1	1	0	0	0	3
21	0	0	1	2	1	1	1	2	5	15	27	25	18	18	51	98	144	143	86	9	2	1	1	6	27
22	4	2	0	0	0	0	2	0	1	7	9	9	5	6	5	0	0	0	0	0	0	1	0	0	2
23	0	0	0	0	0	0	0	0	1	0	1	0	6	6	2	1	15	28	16	9	14	9	7	7	5
24	6	3	3	2	3	2	1	5	5	13	14	8	8	12	9	18	10	14	12	1	0	0	1	1	6
25	0	20	1	16	7	1	1	1	2	7	21	27	29	25	25	17	25	22	8	1	2	5	4	3	11
26	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
27	2	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	2	3	6	11	13	5	5	3	3	4	3	4	2	3	2	1	1	0	0	3
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0
30	0	0	0	3	0	1	1	1	1	6	4	9	1	0	0	0	0	0	0	0	0	0	0	****	1
MEAN	2	3	1	2	1	1	1	1	2	3	4	4	3	3	5	6	8	8	6	2	2	2	2	2	3 1

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 4.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2	****	****	****	****	****	****	****	14	10	3	3	17	13	2	2	3	5	5	3	7	6	12	7	19	8
3	8	19	12	12	13	8	1	3	1	5	7	3	3	4	4	13	9	2	0	0	0	0	0	0	5
4	****	****	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	1	1	1	5	11	0	0	****	****	****	****	****	****	4	10	2
6	****	****	****	****	3	8	9	4	5	7	4	3	8	5	3	9	4	1	3	4	9	8	9	6	6
7	6	5	9	5	4	4	6	5	8	14	4	3	3	6	7	10	11	13	****	****	****	****	****	****	7
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18	-	-	-	-	-	-	-	-	-	****	19	17	27	12	13	15	11	15	5	5	2	12	8	9	******
19	10	11	8	3	5	6	13	30	37	19	31	27	13	12	8	3	16	17	8	7	9	5	7	4	13
20	0	0	3	3	0	0	0	0	0	0	0	0	0	0	10	34	41	35	22	24	24	6	0	5	9
21	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	4	6	6	2	2	2	1	1	1	3	11	1	5	5	4	3	7	3
23	1	3	10	17	3	9	6	5	2	5	16	14	23	9	5	6	9	21	12	11	11	17	19	9	10
24	7	7	1	0	0	0	1	4	19	16	16	2	2	1	3	4	0	3	5	7	10	21	8	23	7
25	17	25	17	0	0	0	0	0	0	2	7	13	23	13	6	7	5	4	2	1	1	0	2	3	6
26	0	0	0	1	1	4	5	4	5	1	2	9	7	8	8	2	0	0	0	0	0	0	0	0	2
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	13	10	5	4	1	0	0	0	2
28	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0
29	0	0	0	0	0	0	1	1	1	1	0	0	2	2	2	2	1	0	0	0	0	1	7	3	1
30	1	1	1	1	1	2	2	1	1	1	5	10	14	3	3	2	1	1	1	1	1	2	2	2	3
31	2	2	2	2	2	3	5	13	15	9	8	10	16	9	10	9	7	8	12	8	17	10	7	5	8
MEAN	3	5	4	3	2	3	3	5	6	5	6	7	8	5	4	6	7	8	4	5	5	5	4	6	5.0

PERCENTAGE OF DATA VALID - 59.8 PERCENTAGE OF DATA INVALID - 17.5 PERCENTAGE OF DATA UNAVAILABLE - 22.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	13	22	8	5	9	5	****	7	6	3	7	11	16	36	21	29	22	9	4	1	1	2	4	11
2	5	6	3	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1
5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
6	1	1	1	7	3	9	4	5	19	3	2	9	8	11	3	5	15	18	2	6	21	17	1	0	7
7	3	4	9	13	6	3	7	16	20	18	7	8	13	11	14	23	24	17	14	4	7	4	4	7	11
8	4	0	0	1	1	3	1	1	****	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1
9	1	0	0	0	0	0	0	0	3	13	19	8	17	8	14	19	10	7	5	5	2	2	1	0	6
10	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	1	2	4	3	1	2	3	6	15	6	2	2	0	0	0	0	2
19	0	0	0	0	0	0	4	12	9	3	7	12	3	2	3	4	1	2	4	4	0	1	2	1	3
20	2	4	3	4	4	6	19	7	28	41	22	12	16	9	15	16	60	35	23	21	2	1	0	0	15
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	2	2	1	0	0	0	0	1
25	0	0	0	0	1	1	0	0	12	8	1	0	1	1	1	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	1	0	3	7	12	16	9	13	9	0	0	0	0	0	0	0	0	0	0	3
27	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	0	0	0	1	1	1	4	3	5	6	4	3	0	0	0	0	0	1
29	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	0	0	0	0	1	0	0	1	1
30	1	1	1	0	0	0	0	0	1	1	0	0	0	2	1	0	1	0	1	1	0	1	4	1	1
MEAN	1	1	1	1	1	1	2	2	4	4	3	2	3	3	3	4	6	4	2	2	1	1	1	1	2.1

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13	-	-	-	-	-	-	-	-	-	-	****	5	7	5	5	6	7	9	9	6	3	2	2	4	******
14	2	2	8	3	6	3	3	3	3	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	2
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	1	2	3	3	3	2	1	1	1	3	3	3	2	6	6	3	1	1	0	0	0	0	2
17	1	4	5	4	5	5	2	2	4	2	2	4	3	7	7	8	7	3	2	1	0	0	1	3	3
18	0	0	1	3	1	1	1	0	0	5	9	35	9	1	3	3	1	0	0	0	0	0	0	0	3
19	0	0	0	0	0	1	2	2	1	****	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
20	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
21	1	0	0	0	1	2	15	4	5	3	1	1	4	4	8	2	0	0	0	0	0	1	1	1	2
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	1	1	2	2	3	5	6	20	29	20	8	5	3	1	4	1	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	1	5	18	25	22	3	1	2	6	8	5	2	1	0	1	0	0	4
28	0	0	0	0	0	0	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	2	5	5	7	20	18	15	2	0	0	4	3	3	3	1	1	4
30	0	0	0	1	2	4	8	5	3	2	2	2	13	3	1	1	0	0	0	0	0	0	0	0	2
31	13	3	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	2	3	1
MEAN	1	1	1	1	1	1	2	1	2	3	3	5	4	3	2	2	2	1	1	1	0	0	0	1	1.6

PERCENTAGE OF DATA VALID - 66.5 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 33.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	4	9	2	1	1	4	6	6	6	8	12	4	2	3	3	3	3	2	2	3	2	4
2	1	1	1	0	0	1	1	1	0	0	****	1	1	1	1	1	1	2	2	2	2	2	1	1	1
3	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	1	1	1	2	1	2	2	1	1
4	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	1
5	2	2	2	2	2	2	2	4	4	4	4	3	4	4	4	3	3	3	3	3	3	3	2	2	3
6	2	2	2	2	2	2	2	9	4	12	8	3	4	5	3	4	4	4	3	3	3	4	5	4	4
7	5	4	4	3	4	5	5	4	4	****	1	2	0	0	0	0	0	0	0	0	0	0	0	0	2
8	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
9	0	0	0	0	0	1	1	15	9	8	11	8	2	5	6	3	4	4	4	6	5	1	1	0	4
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	1	1	1	1	2	1	1	4	3	4	4	3	2	3	3	2	2	2	2	2	2	2	2	1	2 2

PERCENTAGE OF DATA VALID - 28.8 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 71.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18	0	0	0	0	0	0	0	0	****	4	4	6	9	8	5	8	10	9	11	7	7	9	9	7	5
19	4	5	5	6	4	6	7	9	8	9	9	12	15	18	17	18	14	6	6	6	5	5	5	5	9
20	3	3	3	3	3	3	3	3	3	3	5	5	3	4	4	4	4	4	4	4	4	4	4	4	4
21	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	6	6	6	3
22	3	3	3	3	3	3	3	3	3	5	6	6	4	4	4	5	4	5	5	5	5	5	5	6	4
23	3	3	4	4	4	4	4	5	5	5	5	5	3	3	3	3	3	3	3	3	3	3	3	3	4
24	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	3	3	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	1	2	2	2	2	7	7	7	8	8	9	9	10	10	9	9	9	5
28	10	8	7	8	8	8	8	8	8	8	8	8	6	6	6	6	6	6	6	6	6	6	6	6	7
29	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	11	7	7	7	7	7	7	6
30	8	9	6	4	4	4	4	4	****	****	****	****	****	****	****	****	****	5	4	4	4	4	4	3	******
31	3	3	3	3	3	2	3	4	10	19	38	14	13	13	7	3	****	5	4	5	3	2	2	1	7
MEAN	3	3	3	3	3	3	3	4	5	5	7	5	6	6	5	5	5	5	5	5	4	5	5	4	4.4

PERCENTAGE OF DATA VALID - 43.7 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 54.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	3	6	6	2	4	4	0	1	0	0	0	1	1	3	9	2	1	0	0	0	0	0	2
2	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	1	1	2	0
5	2	2	2	2	2	2	4	5	7	6	5	2	2	2	2	3	3	3	3	3	3	3	3	3	3
6	4	4	4	4	4	5	9	9	7	6	9	11	6	9	7	9	9	9	9	10	8	7	5	3	7
7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0
8	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	3	4	4	4	4	4	6	7	7	13	****	4	3	2	1	1	1	0	0	0	0	0	1	1	3
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	2	2	6	13	7	7	7	2	2	2	2	2	2	5	4	4	4	3
13	7	13	10	10	8	4	3	4	6	4	9	5	6	5	2	2	2	3	4	3	3	3	3	3	5
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	2
15	4	4	4	3	2	3	3	4	4	4	3	3	3	3	3	3	3	4	4	4	4	4	3	3	3
16	3	3	3	3	3	3	4	7	3	3	3	3	4	3	3	3	3	4	4	4	4	4	4	4	4
17	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	7	8	7	8	8	5
18	8	7	6	6	4	5	5	5	5	5	7	13	14	13	19	18	13	9	9	8	7	5	5	5	8
19	4	4	4	4	4	4	5	8	11	11	13	9	9	10	9	9	8	8	8	8	10	9	7	****	8
20	****	****	6	4	1	0	1	1	2	2	3	3	3	3	3	4	4	4	4	2	2	2	2	2	3
21	2	3	12	4	5	3	3	8	8	7	7	8	11	4	2	5	3	2	4	9	11	7	4	3	6
22	1	1	4	1	1	1	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	2	2	1	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	0
25	3	4	4	4	4	3	3	3	3	2	9	5	3	2	2	2	11	13	1	0	4	17	14	7	5
26	3	5	4	2	2	2	7	6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	3	3	4	3	3	6	6	7	2
28	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	3	2	2	2	2	3	3	3	3	3	3	2	2	2	3	3	2	2	3	3	3	2	2.5

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	1	2	2	3	4	1	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
13												- DATA INVALID -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 35.5 PERCENTAGE OF DATA INVALID - 4.3 PERCENTAGE OF DATA UNAVAILABLE - 60.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	17	0.3	1	20
FEB	11	0.1	0	3
MAR	27	2.9	12	63
APR	28	3.1	27	144
MAY	19	5.0	13	41
JUN	30	2.1	15	60
JUL	20	1.6	5	35
AUG	9	2.2	4	15
SEP		DATA UNAVAILABLE		
OCT	13	4.4	9	38
NOV	30	2.5	8	19
DEC	11	0.0	1	4
YEAR	215	2.4	27	144

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	424	1	0	0	0	0	0	0	425
FEB	270	0	0	0	0	0	0	0	270
MAR	621	42	10	10	1	0	0	0	684
APR	638	34	8	4	3	2	0	0	689
MAY	376	52	11	6	0	0	0	0	445
JUN	668	34	9	5	1	0	0	0	717
JUL	482	9	2	2	0	0	0	0	495
AUG	210	4	0	0	0	0	0	0	214
SEP	DATA UNAVAILABLE								
OCT	312	12	0	1	0	0	0	0	325
NOV	692	20	0	0	0	0	0	0	712
DEC	264	0	0	0	0	0	0	0	264
YEAR	4957	208	40	28	5	2	0	0	5240

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
65.2	0	0.0	0.0	0.0	1.5	6.6	10.8	17.6	22.7	144	2.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17	****	****	***.	****	****	****	****	****	***.	***.	****	****	4	4	4	4	3	2	2	5	5	5	4	4	******
18	5	5	5	5	5	5	5	5	4	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4
19	5	5	5	5	4	4	4	5	5	5	5	5	4	3	3	3	3	3	4	4	4	4	3	3	4
20	4	4	3	3	3	4	4	3	4	4	5	5	5	5	5	6	7	6	7	6	7	7	7	7	5
21	6	6	6	6	6	6	6	5	5	6	5	5	5	6	6	6	6	6	5	5	5	6	6	7	6
22	5	5	6	6	6	5	3	3	3	3	4	4	4	4	4	4	4	6	6	6	3	3	4	6	4
23	8	7	4	6	6	8	10	6	7	5	6	6	6	6	6	7	6	6	6	6	6	6	6	6	6
24	5	5	6	5	5	6	6	6	6	6	5	5	5	5	6	6	5	5	5	6	5	5	4	4	5
25	4	4	4	4	4	4	4	4	4	4	3	2	4	4	3	3	3	3	3	3	3	3	3	3	3
26	4	3	4	4	4	4	4	4	4	3	4	4	6	5	5	6	6	6	6	6	6	6	6	6	5
27	5	5	5	6	5	6	5	5	6	6	6	6	5	5	6	5	6	5	6	5	6	6	6	6	6
28	4	4	4	4	5	5	6	6	6	6	7	7	5	5	4	5	5	5	5	5	6	6	6	6	5
29	4	4	4	5	5	6	6	6	6	6	6	6	4	5	5	6	6	5	5	4	4	4	5	4	5
30	4	4	3	2	3	2	2	2	1	0	0	****	3	2	2	2	2	2	2	3	4	3	2	0	2
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	5	4	4	4	4	5	5	4	4	4	4	5	4	4	4	4	4	4	4	5	5	5	4	4	4.4

PERCENTAGE OF DATA VALID - 46.6 PERCENTAGE OF DATA INVALID - 51.7 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	1	2	2	2	2	3	3	2	2	2	2	0	0	0	1	0	0	1	1	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	****	****	****	******
9	12	8	7	6	6	6	7	7	7	7	7	7	6	5	5	5	6	12	11	9	9	6	3	5	7
10	6	8	7	6	3	4	4	3	3	2	2	2	3	4	3	3	3	3	4	3	2	3	3	3	4
11	4	4	4	4	3	3	3	3	3	3	3	3	4	3	3	3	3	4	5	3	2	4	2	2	3
12	2	3	2	3	5	18	5	15	3	2	2	4	2	2	2	5	4	2	3	2	4	3	2	2	4
13	3	2	2	2	2	2	2	2	2	2	1	2	4	1	2	****	****	****	****	****	****	0	1	1	2
14	2	3	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	4	7	4	4	3	3
15	3	2	1	1	1	1	1	1	1	1	1	1	1	0	2	2	3	3	3	3	3	3	2	3	2
16	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	4	5	12	6	5	3	3
17	3	3	3	4	4	3	3	3	2	2	3	3	2	2	2	2	1	1	3	2	2	2	2	2	2
18	3	2	3	2	2	2	2	2	3	4	6	14	4	1	3	14	4	4	5	7	3	4	4	3	4
19	2	2	1	2	2	3	1	2	2	0	0	0	8	7	10	6	1	1	1	2	1	2	1	3	3
20	2	3	3	3	3	3	3	4	4	4	5	5	4	4	4	4	6	8	6	4	3	7	5	4	4
21	4	4	4	2	3	3	4	6	8	5	4	7	10	****	****	****	****	****	****	****	****	****	****	****	******
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	2	1	2	4	6	6	******
23	6	5	3	5	9	3	2	2	1	2	****	****	-	-	-	-	-	-	-	-	-	-	-	-	******
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA INVALID -													
MEAN	2	2	2	2	2	3	2	3	2	2	2	3	3	2	2	3	2	2	3	2	3	2	2	2	2.3

PERCENTAGE OF DATA VALID - 73.2 PERCENTAGE OF DATA INVALID - 7.7 PERCENTAGE OF DATA UNAVAILABLE - 19.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2	****	****	****	****	****	****	****	****	****	****	****	****	6	****	0	0	3	3	5	1	0	0	0	0	******
3	3	3	****	****	****	****	****	****	****	****	****	0	17	35	0	0	0	0	3	6	8	8	4	3	******
4	5	4	4	4	4	4	3	3	3	3	3	3	9	3	3	7	2	2	2	3	3	4	3	3	4
5	3	3	3	4	5	5	5	9	11	7	5	****	20	21	18	17	17	18	17	16	21	18	16	22	12
6	23	16	18	21	24	22	21	14	13	15	13	13	14	10	10	10	10	10	11	13	11	11	12	15	15
7	11	13	17	18	14	17	13	12	10	11	12	12	10	10	10	10	10	10	10	12	14	32	13	11	13
8	8	6	7	5	6	6	6	7	5	5	5	5	4	8	10	5	10	12	10	9	7	6	6	6	7
9	6	6	7	7	6	5	5	6	6	6	9	16	6	9	12	8	8	12	19	8	8	8	8	7	8
10	8	5	5	5	5	6	5	5	6	5	6	10	7	5	6	7	6	8	13	10	13	5	5	5	7
11	6	7	8	6	6	6	7	9	6	8	9	10	9	9	8	8	9	9	9	7	7	8	8	7	8
12	8	6	8	8	8	7	8	8	7	7	7	7	8	8	11	13	13	13	11	10	10	10	10	10	9
13	14	16	12	12	12	11	11	11	11	****	****	****	****	****	****	****	****	****	13	13	13	13	13	12	******
14	13	11	11	11	11	11	10	10	10	10	10	11	8	9	9	9	13	13	13	13	12	7	7	7	10
15	8	6	6	7	8	8	8	10	9	8	9	13	****	12	31	24	17	18	16	18	18	26	14	24	14
16	-	-	-	-	-	-	-	-	-	-	-	-	****	8	22	15	13	13	14	16	16	16	8	17	******
17	14	5	3	3	10	3	3	3	3	7	16	4	3	4	7	5	4	5	5	7	6	6	6	6	6
18	7	8	9	10	9	9	11	11	11	9	8	9	8	8	17	24	18	35	6	6	7	8	6	5	11
19	5	6	7	6	7	6	5	5	3	3	3	3	3	3	4	1	2	3	6	3	12	3	2	3	4
20	5	11	12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
21	****	****	2	2	2	2	2	7	2	2	2	2	2	2	3	3	3	3	5	7	11	8	9	9	4
22	17	12	6	7	7	14	20	14	9	9	14	12	11	****	****	0	0	0	0	0	2	5	2	1	7
23	1	4	6	4	1	1	2	2	2	1	0	1	0	0	0	1	1	1	2	2	2	2	3	2	2
24	2	2	2	2	2	2	4	3	4	2	2	2	2	2	2	2	2	2	2	2	2	5	7	6	3
25	5	24	5	15	12	24	4	3	5	5	6	6	2	3	4	2	4	6	5	6	4	6	2	4	7
26	3	4	2	3	4	2	4	2	2	0	0	4	6	6	0	0	0	****	****	****	****	0	****	1	2
27	1	1	2	3	2	2	2	3	3	3	2	3	2	2	3	3	3	3	4	4	4	3	3	3	3
28	2	2	3	3	7	3	2	2	3	3	2	2	2	2	4	4	2	7	7	14	3	3	5	7	4
29	2	2	2	1	2	3	4	4	4	4	5	5	5	6	7	7	8	6	3	3	3	3	3	3	4
30	3	3	4	8	4	2	2	3	3	3	3	2	5	8	4	4	7	13	3	4	6	4	2	3	4
31	4	6	4	4	9	10	4	7	4	6	7	8	6	6	7	8	5	5	4	4	4	3	3	3	5
MEAN	7	7	6	7	7	7	7	7	6	6	6	7	7	8	8	7	7	9	8	8	8	8	6	7	7.1

PERCENTAGE OF DATA VALID - 86.6 PERCENTAGE OF DATA INVALID - 11.8 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCEO SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	4	5	4	4	4	4	4	4	4	4	4	5	8	9	4	4	4	4	4	28	9	4	6
2	6	6	4	4	4	5	6	5	20	15	22	12	4	8	10	8	8	5	5	5	5	5	5	5	8
3	4	4	6	6	5	6	6	5	8	6	7	7	8	7	9	6	8	4	4	4	4	5	5	7	6
4	10	8	7	5	5	6	6	11	62	27	7	3	4	4	4	3	****	3	3	4	7	11	4	19	10
5	14	8	4	4	4	4	5	5	5	5	5	5	5	5	4	6	11	10	11	11	11	8	9	4	7
6	4	4	4	4	4	5	7	4	4	6	5	4	3	3	2	4	4	4	4	4	4	4	4	4	4
7	2	2	2	2	2	2	2	2	2	3	3	4	2	2	3	4	4	4	4	4	4	4	4	4	3
8	2	3	2	3	4	4	4	4	4	5	5	5	4	4	4	4	4	5	4	5	5	7	7	6	4
9	4	4	4	4	4	4	5	5	5	6	5	5	14	24	18	12	4	4	4	4	4	4	4	4	6
10	2	2	2	2	2	3	3	4	4	4	4	4	3	3	3	4	4	6	6	5	4	4	4	4	4
11	4	4	4	5	4	4	5	5	5	5	5	5	4	5	5	6	6	6	7	7	7	8	8	6	5
12	5	5	5	5	5	5	5	5	5	5	11	7	6	6	7	7	8	22	21	16	7	7	7	7	8
13	15	12	36	15	9	7	23	26	13	12	22	11	14	16	17	31	11	8	7	8	7	7	10	11	15
14	11	12	6	6	6	7	6	7	28	37	8	6	6	6	6	6	7	6	6	5	6	7	7	6	9
15	6	8	6	6	5	5	6	6	31	16	4	4	5	5	5	5	5	5	5	6	6	6	6	6	7
16	5	5	5	5	5	5	5	6	8	29	9	5	5	5	5	5	5	5	5	5	5	5	6	6	6
17	4	4	4	4	4	4	5	4	4	4	4	4	4	4	4	4	5	5	5	6	6	6	5	6	5
18	6	6	5	5	4	4	4	5	4	4	4	5	5	5	5	6	7	7	8	8	****	****	0	0	5
19	0	0	0	0	1	1	0	0	0	2	0	0	0	0	0	0	0	9	5	8	5	6	6	6	2
20	3	2	5	7	4	4	25	5	5	5	4	0	0	0	0	0	0	0	1	16	14	10	3	6	5
21	1	1	10	4	0	1	22	4	2	1	2	2	1	3	2	3	3	5	9	12	7	7	7	6	5
22	3	4	18	15	4	5	6	8	6	1	1	0	3	1	0	0	0	0	1	1	1	2	4	4	4
23	7	1	3	3	3	12	2	0	1	0	1	2	1	0	0	0	0	0	1	2	2	3	3	4	2
24	2	4	4	1	1	1	2	2	3	8	14	1	3	8	0	0	34	0	0	9	1	0	0	0	4
25	0	0	0	0	0	0	0	0	****	1	1	1	3	3	5	56	13	2	1	1	1	1	1	1	4
26	1	1	1	1	1	1	1	1	2	2	2	2	3	2	3	2	2	2	1	1	1	1	1	1	2
27	1	3	2	2	2	2	3	1	1	3	****	****	1	1	3	5	7	3	3	5	4	5	2	3	3
28	2	3	3	1	3	3	3	2	2	2	2	1	1	2	2	11	1	1	1	1	1	1	1	2	2
29	2	2	1	1	2	2	1	2	3	1	1	1	2	2	1	2	3	3	4	5	3	5	4	6	2
30	6	4	6	6	4	5	1	5	2	2	2	2	2	1	1	1	1	1	2	6	3	2	2	3	3
MEAN	5	4	5	4	4	4	6	5	8	7	6	4	4	5	5	7	6	5	5	6	5	6	5	5	5.1

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALIO - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	1	1	1	2	3	3	2	3	4	4	4	2	3	3	4	4	4	4	5	8	1	1	1	3
2	1	1	1	2	2	1	1	1	****	****	1	****	0	1	1	1	2	3	4	5	6	8	5	5	2
3	1	0	5	1	1	0	1	6	7	2	6	3	1	0	0	1	1	1	5	10	8	0	0	0	3
4	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	2	3	0	3	1	1
5	3	9	0	0	0	0	0	0	0	0	1	1	3	3	1	1	0	0	0	0	9	6	6	8	2
6	7	5	5	5	1	0	2	1	1	1	1	1	2	2	2	1	0	0	0	1	2	1	0	0	2
7	0	0	1	0	0	1	24	18	11	6	3	0	2	2	0	0	0	0	0	0	0	2	1	2	3
8	4	0	0	0	0	0	0	0	3	7	3	8	24	19	4	1	1	1	4	5	4	4	13	8	5
9	13	9	19	12	4	1	1	1	****	****	****	****	****	0	0	8	1	1	1	2	1	1	0	1	4
10	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	1
11	3	5	5	18	8	0	1	1	0	0	6	2	0	0	0	0	0	0	0	0	0	0	0	0	2
12	0	0	0	1	2	6	7	3	1	5	4	5	1	1	7	4	1	6	17	5	0	0	0	0	3
13	0	0	0	0	0	0	1	0	1	3	9	11	7	7	4	3	2	1	0	2	7	6	2	1	3
14	1	2	3	3	4	3	2	13	1	4	5	7	6	4	3	3	2	3	5	6	0	2	0	6	4
15	2	0	2	0	0	0	0	0	1	1	2	1	2	7	7	3	****	0	3	13	11	4	1	0	3
16	2	1	2	2	4	1	4	5	4	1	2	1	1	5	4	2	0	0	0	0	0	0	0	0	2
17	0	0	0	0	0	7	6	6	7	5	6	2	3	0	0	3	3	3	3	0	0	0	0	0	2
18	2	0	0	0	2	16	8	4	1	0	2	1	0	1	9	12	0	0	0	1	4	0	4	0	3
19	5	18	2	0	1	6	8	30	20	11	9	4	0	0	2	3	4	1	1	1	1	1	1	1	5
20	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	3	2	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	7	1	1	3	3	6	4	5	3	4	0	0	0	2
22	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	3	16	19	2	2	2	2
23	3	0	0	0	0	0	0	20	7	1	0	2	0	1	0	0	0	0	0	0	0	0	0	13	2
24	7	0	0	0	0	0	0	0	0	0	****	****	****	2	0	5	4	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	1	0	0	0	1	0	1	2	0	0	0	0	0	0	0	1	1	0	8	5	0	0	0	1
27	0	0	0	2	3	1	3	2	1	0	1	2	2	1	3	2	4	0	0	0	0	0	0	0	1
28	0	1	1	0	0	2	3	4	****	2	2	2	2	2	1	1	1	4	2	2	2	2	2	6	2
29	1	0	0	0	1	5	9	1	1	1	2	2	1	1	1	1	1	5	15	4	1	1	1	1	2
30	2	16	6	0	0	1	3	5	****	-	-	-	10	8	10	8	4	4	4	4	4	6	13	15	6
31	13	10	6	11	10	10	6	5	7	7	5	7	6	5	4	2	2	2	1	2	1	1	2	3	5
MEAN	3	3	2	2	1	2	3	4	3	2	3	3	3	3	2	2	2	1	3	3	3	2	2	3	2.4

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALIO - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REOUCEO SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - 5E NO 56051 MEMORIAL PARK YORK/THIRO ST., CORNWALL MONTH - JUN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	17	20	12	2	6	5	9	24	10	3	4	2	1	3	6	10	8	5	1	1	1	1	2	7
2	4	2	2	0	2	2	1	3	3	3	2	2	1	5	4	4	4	3	4	8	8	10	8	2	4
3	7	20	16	16	20	18	10	2	2	4	4	3	4	6	4	3	4	6	4	4	2	10	8	8	8
4	6	10	8	9	9	9	5	4	2	3	3	3	2	2	4	6	9	7	7	1	2	0	0	2	5
5	0	0	1	6	8	4	4	****	****	3	3	4	4	2	****	0	0	0	0	0	0	0	0	2	2
6	2	4	4	14	****	****	****	1	2	2	2	3	3	3	3	2	4	4	6	5	7	7	3	2	4
7	2	2	2	6	6	3	6	17	27	30	10	6	13	6	2	2	2	11	3	3	2	2	2	2	7
8	2	2	2	2	1	2	2	2	1	1	6	4	9	8	5	7	8	6	11	4	5	8	3	9	5
9	13	5	14	8	4	20	1	2	5	2	2	2	2	2	0	0	1	0	0	1	11	2	0.	0	4
10	19	17	3	2	9	5	2	0	0	2	3	3	2	2	4	2	1	2	0	0	0	0	0	0	3
11	0	0	2	2	5	6	****	1	3	4	4	3	2	2	1	2	2	1	1	2	1	2	3	2	2
12	2	2	2	2	4	4	4	4	4	1	2	1	1	1	0	1	5	4	7	7	3	1	1	3	3
13	5	8	17	7	6	10	6	4	2	2	2	3	2	2	2	2	3	3	4	4	5	18	14	6	6
14	9	6	3	3	2	3	2	2	****	****	0	0	****	****	0	0	3	0	2	3	5	****	****	2	3
15	0	0	3	0	1	3	4	****	****	1	5	5	2	2	1	3	5	5	5	3	6	5	2	0	3
16	0	0	0	0	0	0	0	0	1	3	4	5	4	3	2	2	4	3	0	5	4	5	8	4	2
17	6	9	6	0	0	2	2	4	2	4	4	5	5	5	5	6	7	9	5	9	4	6	6	10	5
18	8	0	0	0	0	0	0	0	****	****	0	2	2	****	2	3	7	12	9	10	5	6	4	3	3
19	3	3	2	3	3	3	3	4	3	3	3	3	4	3	3	4	3	3	3	4	4	5	4	5	3
20	19	20	3	6	5	6	6	4	****	3	10	7	1	1	2	3	3	3	2	3	4	10	10	5	6
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	5	7	8	12	2	7	4	2
22	1	1	2	4	6	4	4	0	0	0	2	2	2	5	4	1	4	5	4	0	0	3	4	6	3
23	6	9	5	7	9	7	4	5	4	3	4	4	3	3	2	2	5	5	2	2	3	3	2	3	4
24	2	2	3	3	5	4	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2	2	1
25	2	2	2	1	2	2	1	6	****	0	0	1	0	0	0	0	0	0	0	5	14	7	4	2	2
26	5	4	1	1	2	1	2	3	4	4	4	3	4	4	4	5	4	4	9	2	16	10	2	0	4
27	0	0	0	0	2	2	2	3	2	1	2	1	2	2	1	1	1	3	3	5	5	7	0	2	2
28	0	1	14	22	9	7	5	4	2	2	1	0	0	5	4	0	0	2	4	4	4	7	16	2	5
29	13	5	7	3	0	0	0	****	2	3	4	3	2	3	2	2	2	2	2	2	3	3	1	2	3
30	0	0	2	2	2	2	3	2	1	1	0	1	10	6	30	14	17	5	0	0	4	4	0	0	4
MEAN	5	5	5	5	4	5	3	3	4	3	3	3	3	3	3	3	4	4	4	4	5	5	4	3	3.8

PERCENTAGE OF OATA VALIO - 97.1 PERCENTAGE OF OATA INVALIO - 2.9 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REOUCEO SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRO ST., CORNWALL MONTH - JUL 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	10	1	2	4	5	1	3	16	35	3	3	3	4	8	5	2	2	0	0	0	0	1	1	5
2	0	0	2	2	1	3	1	0	1	1	1	2	2	1	1	1	2	2	0	0	0	0	0	2	1
3	2	2	2	2	2	2	2	4	****	4	2	2	2	2	1	1	2	0	0	0	1	3	4	4	2
4	4	3	2	3	4	4	2	2	0	****	0	0	0	3	0	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0	2	2	3	4	0	0	1
9	0	0	0	0	0	0	0	0	****	****	****	****	****	****	1	2	2	3	3	3	3	3	3	3	1
10	3	4	2	2	3	4	5	5	****	****	3	3	3	3	3	5	4	4	3	3	3	3	3	4	3
11	3	3	3	3	3	2	0	****	1	1	1	1	1	2	3	2	2	2	3	3	5	4	5	3	2
12	2	1	1	0	0	1	1	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	3	3	3	4	3	3	3	5	******
14	1	1	2	1	2	2	3	2	3	2	2	2	2	2	5	37	23	10	5	3	3	3	3	2	5
15	4	3	5	5	4	5	9	3	3	6	4	2	2	2	2	2	2	2	3	3	2	0	0	0	3
16	0	0	0	0	0	1	1	1	****	****	1	1	1	1	1	2	3	3	3	4	3	3	3	2	2
17	4	2	3	2	2	2	2	1	****	1	3	3	4	2	3	3	3	3	26	9	5	5	3	4	4
18	4	2	1	1	2	2	2	2	16	17	17	8	2	1	1	1	1	2	3	3	3	3	3	3	4
19	3	3	2	2	2	2	3	2	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	3	0	0	0	0	0	0	0	0
22	4	5	3	3	8	8	8	7	6	5	4	3	5	4	3	3	3	2	2	1	3	3	2	2	4
23	4	4	4	5	6	5	17	13	19	2	5	19	12	3	9	6	8	5	3	4	7	10	5	4	7
24	2	3	2	5	6	3	1	0	****	****	3	3	3	2	5	2	4	3	4	4	5	4	3	2	3
25	2	4	3	4	3	5	5	5	3	3	2	3	2	3	3	4	4	3	6	8	3	4	7	3	4
26	3	2	2	2	2	2	1	3	2	1	2	2	-	-	-	-	-	-	-	-	-	-	-	-	******
27	-	-	-	-	-	-	-	-	****	****	4	3	4	3	4	6	6	3	15	3	10	8	2	3	******
28	3	2	2	1	1	1	4	2	1	0	0	0	0	1	1	1	5	2	3	0	8	7	5	10	3
29	8	11	7	1	0	0	1	1	0	2	0	1	1	2	0	0	0	0	1	1	2	3	4	4	2
30	11	13	2	3	6	2	0	****	****	2	0	0	0	0	0	0	0	2	4	0	0	4	6	8	3
31	1	1	0	0	0	0	0	0	0	0	0	2	1	2	3	6	5	4	0	0	2	4	1	1	1
MEAN	3	3	2	2	2	2	2	2	4	4	2	2	2	2	2	3	3	2	3	2	3	3	2	2	2.4

PERCENTAGE OF OATA VALIO - 89.9 PERCENTAGE OF OATA INVALIO - 7.4 PERCENTAGE OF OATA UNAVAILABLE - 2.7

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATE5 OATA IS UNAVAILABLE

3. "*****" INOICATES LES5 THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	1	1	0	0	0	0	0	0	0	0	0	0	0	3	1	10	2	5	1	0	1	1	2	1
2	4	2	4	1	3	4	11	23	****	****	2	0	0	4	0	2	1	0	1	1	0	0	3	1	3
3	15	4	1	2	3	3	3	2	10	4	3	1	2	6	1	4	6	7	9	10	19	11	7	8	6
4	7	6	8	6	3	2	0	0	0	1	2	1	1	1	2	3	4	8	9	2	2	3	12	1	4
5	3	5	10	5	7	6	3	3	2	1	0	0	4	9	12	6	3	2	0	1	1	2	1	2	4
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4	4	0	0	1	0
8	2	0	0	1	3	6	4	2	3	2	2	0	2	2	1	0	0	0	****	****	****	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	1	6	1	0	0	0	0	17	0	0	0	0	0	1
10	0	0	0	1	0	1	1	****	****	3	14	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11	1	8	4	9	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	10	11	2	1	1	2	2	2	2	2	1	4	0	0	0	0	2
14	1	3	2	1	2	3	5	4	2	2	4	5	5	2	2	6	1	1	1	1	0	1	1	1	2
15	1	3	3	1	1	1	1	1	2	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1
16	0	0	0	0	1	3	1	0	0	0	****	49	70	7	1	0	0	0	0	0	0	0	0	1	6
17	1	1	1	2	4	4	1	2	1	1	1	3	1	1	1	2	4	4	1	1	0	1	0	1	2
18	11	12	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1
19	2	2	0	0	1	3	0	0	0	0	1	2	1	2	1	1	1	4	4	3	2	1	1	1	1
20	1	1	0	0	0	0	3	22	18	14	2	1	0	1	2	2	1	1	1	2	3	16	14	3	5
21	0	2	17	21	2	1	2	5	3	2	2	1	1	3	1	0	0	0	0	0	0	0	1	1	3
22	1	0	1	0	0	0	2	16	12	5	3	2	3	1	2	2	2	4	1	0	0	1	0	1	2
23	0	0	2	1	0	0	3	2	****	****	****	0	1	2	5	7	5	5	0	0	0	0	0	0	2
24	1	1	2	2	0	0	0	0	0	0	****	2	1	1	4	3	1	2	1	1	1	0	1	1	1
25	0	0	4	7	9	1	3	3	5	10	8	8	5	5	1	1	1	5	1	2	3	7	6	8	4
26	21	44	38	31	21	29	30	17	7	6	7	3	0	0	1	1	7	2	0	0	0	0	0	0	11
27	0	0	0	0	0	1	1	0	****	2	0	0	2	4	4	4	5	4	1	0	0	1	2	13	2
28	7	2	1	6	5	1	6	6	4	2	2	2	1	5	3	2	1	1	3	13	3	2	1	1	3
29	1	0	0	0	0	2	2	2	2	2	3	3	2	3	4	4	4	3	4	7	3	7	2	6	3
30	4	13	13	11	12	12	9	4	4	4	5	9	4	7	6	5	8	8	12	10	2	0	0	0	7
31	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	3	3	3	1	1	2	1	1	1	1
MEAN	3	4	4	4	3	3	3	4	3	2	2	3	4	2	2	2	2	2	2	2	2	2	2	2	2.6

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	3	6	5	5	4	5	5	6	11	7	2	23	2	1	0	0	4
2	2	1	0	0	0	0	0	0	0	1	2	3	8	11	9	1	0	0	5	2	1	1	1	7	2
3	3	2	2	3	6	6	2	2	1	2	1	0	1	0	0	0	2	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	2	13	****	2	3	2	0	0	1	0	0	0	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1	4	4	5	5	5	2	2	0	0	2
6	0	0	1	2	2	6	2	1	1	6	1	0	0	0	0	0	0	1	2	12	15	0	1	1	2
7	1	1	0	0	1	1	0	0	0	0	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	1	1	2	2	1	1	1	3	1	3	2	2	1	1	3	3	3	4	4	1	0	2	0	0	2
10	0	0	0	0	0	0	0	0	0	1	0	0	1	2	2	4	5	0	0	2	0	1	2	1	1
11	2	4	3	2	2	4	4	2	2	****	1	1	1	0	1	1	1	1	1	1	5	9	3	3	2
12	1	1	2	1	3	6	6	2	2	1	1	0	1	2	5	4	8	9	2	3	2	2	3	2	3
13	0	1	0	0	0	0	1	2	0	0	0	0	1	1	1	9	4	6	2	2	1	0	0	0	1
14	1	1	0	2	9	1	1	3	1	0	4	7	0	0	1	1	1	1	0	0	1	2	2	2	2
15	2	0	0	0	0	0	1	1	1	2	2	2	2	2	0	1	3	3	5	4	4	5	2	0	2
16	0	0	0	1	1	1	0	0	0	1	3	4	0	2	1	4	6	6	1	1	1	4	5	8	2
17	7	4	10	9	8	5	4	2	2	2	2	2	1	1	1	2	1	3	2	0	1	2	1	4	3
18	3	3	2	3	1	2	2	****	****	2	1	1	1	1	1	2	3	7	6	4	3	1	4	2	3
19	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	2	1	1	1	1	3	1
20	2	10	23	20	15	10	9	2	1	2	2	2	2	2	1	5	1	2	3	0	0	0	1	2	5
21	0	1	1	0	0	0	0	0	0	1	1	1	1	2	2	4	1	0	0	1	1	0	3	5	1
22	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	4	12	10	1	1	1	2	0	0	0	1	1	2	3	1	1	2
24	1	4	8	3	2	2	3	4	4	21	4	3	2	3	3	8	13	11	2	3	5	6	10	0	5
25	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	4	4	9	11	5	0	0	2	4	2
26	18	5	5	5	5	10	5	0	0	0	0	0	0	0	0	0	0	0	0	1	6	6	3	2	3
27	2	2	2	2	1	0	0	2	0	1	1	1	4	4	3	4	9	14	17	16	6	24	27	60	8
28	38	16	27	1	0	11	21	4	5	4	11	11	6	7	14	12	6	9	0	0	19	18	6	18	11
29	13	16	13	11	16	14	8	8	2	2	1	4	1	3	1	3	0	0	0	4	1	0	0	0	5
30	1	2	1	0	0	9	2	3	0	2	31	14	28	22	28	3	2	4	0	1	2	3	11	10	7
MEAN	4	3	3	2	3	3	2	2	2	3	3	2	3	3	3	3	3	3	2	3	3	3	3	5	2.8

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	21	16	11	1	1	1	1	3	2	4	5	1	0	0	0	0	****	0	0	0	1	0	0	3
2	0	0	0	1	2	1	0	0	0	0	0	0	0	3	12	1	0	0	0	0	0	6	0	0	1
3	0	0	0	0	1	7	1	0	0	0	0	0	0	0	0	6	17	21	8	7	1	1	1	10	3
4	10	6	6	12	19	10	2	8	11	5	13	19	8	3	2	0	0	0	0	0	1	3	13	5	7
5	2	0	1	5	2	0	0	0	3	1	0	5	6	1	1	8	3	7	13	19	11	2	3	1	4
6	0	1	1	2	5	12	6	8	4	3	3	1	3	2	2	2	1	3	5	4	0	0	0	0	3
7	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	4	7	2	1	3	2	3	2	2	1
8	1	1	2	2	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	1	0	1
9	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	1	1	3	1
10	4	2	1	0	0	5	3	1	****	0	0	0	0	0	0	0	1	0	0	3	2	2	2	0	1
11	1	1	0	1	1	0	1	0	0	0	1	4	1	1	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	1	1	0	0	6	1	7	2	1	1	0	0	0	0	0	0	0	0	0	1
13	0	3	14	12	3	3	3	5	3	3	4	17	4	9	19	6	1	0	0	0	0	0	0	0	5
14	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	6	1	4	1	1
15	1	1	1	1	1	0	6	4	3	3	2	1	0	0	0	0	5	6	0	0	0	0	0	0	1
16	0	0	0	0	0	1	1	6	2	***	1	3	2	3	2	2	0	1	2	2	3	3	3	4	2
17	3	3	2	2	2	2	3	4	5	1	2	0	3	1	1	3	1	1	3	9	7	6	0	0	3
18	0	0	0	0	0	0	0	0	0	0	2	3	1	0	0	0	0	0	1	4	11	8	3	2	1
19	1	1	2	2	2	1	2	***	***	***	***	***	***	***	0	0	0	0	1	1	0	0	0	2	1
20	0	0	0	2	3	2	2	0	0	0	0	0	0	0	2	1	4	1	0	0	0	0	0	2	1
21	2	2	0	0	0	4	1	0	0	1	1	1	3	2	2	2	1	1	1	2	2	3	4	6	2
22	8	4	0	5	12	14	9	****	3	2	1	0	0	2	9	15	4	5	3	4	3	2	0	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	2	2	2	1	1	1
24	3	2	3	0	0	2	1	0	0	****	1	3	2	1	1	2	2	3	2	2	1	0	0	0	1
25	1	1	1	1	0	0	C	0	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1
27	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
28	0	0	0	1	2	6	C	1	0	0	0	0	0	0	1	1	3	0	0	0	1	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0
30	0	2	1	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	1	2	4	4	1	1
31	1	1	2	2	2	2	2	2	4	23	16	8	3	0	0	0	0	1	0	1	0	0	0	2	3
MEAN	2	2	2	2	2	3	2	1	2	2	2	3	1	1	2	2	2	2	2	2	2	2	1	1	1.8

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	1	0	0	0	0	0	0	1	5	23	0	4	0	3	1	1	1	3	5	6	3	1	0	3
2	0	0	0	2	3	5	6	2	2	1	0	2	1	3	2	0	0	0	0	0	1	3	6	7	2
3	5	1	7	7	3	0	0	0	0	0	0	0	1	1	0	0	0	1	4	3	2	7	4	11	2
4	5	6	12	8	7	9	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
5	1	1	1	2	1	0	0	0	0	0	****	0	0	0	1	1	1	1	2	1	4	4	5	4	1
6	4	4	3	2	2	1	1	2	3	1	3	2	2	2	1	1	1	2	1	1	2	1	0	0	2
7	0	0	2	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1
8	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
9	2	0	6	14	9	2	5	3	2	1	0	0	0	3	18	0	0	0	1	2	3	1	0	3	3
10	7	13	0	0	0	0	2	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	3	4	4	2	2	3	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	3	6	2	3	2	28	0	0	0	0	0	0	0	0	0	0	0	2
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	4	1	0	2	0	0	0	1	2	2	1	0	0	0	0	0	0	0	1	3	1
16	2	0	0	0	0	0	1	1	0	0	0	0	0	1	2	2	2	2	4	1	0	0	1	3	1
17	1	2	6	6	7	5	10	4	2	2	4	7	12	14	4	3	1	1	1	0	0	0	0	0	4
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	30	17	2
19	23	2	0	0	0	0	0	0	0	***	****	0	1	1	****	1	0	0	0	0	0	1	9	20	3
20	3	0	2	10	9	2	1	6	2	1	16	37	6	2	2	8	14	3	4	7	10	0	0	0	6
21	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	6	1	0	0	10	1
22	17	18	7	7	6	1	1	1	4	3	3	3	3	3	4	4	3	3	8	1	0	0	0	0	4
23	0	0	1	1	2	2	1	1	1	2	2	2	3	46	0	0	0	0	3	21	3	3	1	1	4
24	1	1	3	0	0	0	0	0	0	0	2	1	3	3	4	3	3	4	8	9	5	5	4	8	3
25	6	1	8	10	0	2	1	0	0	0	3	25	3	0	0	0	0	22	4	0	0	0	0	0	4
26	0	0	0	0	1	1	1	1	0	15	22	1	9	14	13	3	9	2	2	2	4	5	4	3	5
27	5	2	3	2	2	3	1	1	0	****	3	4	3	9	5	9	5	6	6	10	7	7	4	2	4
28	0	0	0	3	8	0	0	0	2	1	1	2	4	3	12	7	8	7	12	10	3	4	5	6	4
29	9	4	3	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	1	1	1	0	0	0	0	0
MEAN	3	2	2	3	2	1	1	1	1	1	3	3	3	4	3	2	2	2	2	3	2	2	3	3	2.2

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REOUCEO SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - 5E NO S60S1 MEMORIAL PARK YORK/THIRO ST., CORNWALL MONTH - OEC 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	1B	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0
3	0	0	0	0	0	0	0	0	3	****	-	-	0	0	0	0	0	1	1	1	1	1	1	2	1
4	3	4	7	4	3	2	2	2	3	3	4	S	6	2	5	1	1	0	0	0	0	1	6	3	3
S	3	3	3	1	0	0	0	0	0	0	0	0	0	1	2	4	2	****	****	1	3	3	2	1	1
6	0	1	1	2	2	3	4	4	3	2	2	2	2	3	3	3	4	12	4	1	S	3	3	7	3
7	14	13	13	13	11	14	10	6	3	3	1	0	0	1	1	0	0	0	0	0	0	0	1	0	4
8	0	0	1	0	3	3	S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
9	0	1	0	0	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	4	7	1	1
10	0	0	0	0	0	0	0	0	0	0	0	12	2	2	1	0	0	2	S	3	0	0	0	0	1
11	4	3	2	2	0	0	1	3	1	0	****	0	3	4	4	3	3	4	6	3	1	1	3	4	2
12	2	3	3	3	2	2	1	1	2	3	1	7	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	S	0	0	1	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	1	1	1	0	0	0	0	0	1	1	2	3	3	2	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	****	0	0	1	1	1	1	1	1	1	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
19	0	0	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	3	2	0	1	1	1	1
21	1	1	2	3	3	2	2	3	3	2	2	2	1	6	13	21	1	2	2	3	4	4	4	S	4
22	6	5	5	4	3	3	S	2	2	1	13	24	42	26	0	0	0	7	6	2	2	2	2	2	7
23	1	0	0	1	1	0	0	3	3	2	3	3	2	0	1	2	0	1	1	1	0	16	17	4	3
24	11	11	4	2	3	1	1	0	0	****	0	0	0	0	4	1	0	0	0	0	0	1	1	0	2
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	S	6	B	6	3	0	4	3	3	1	0	0	0	0	0	2
29	0	0	3	6	4	0	0	2	4	S	1	1	4	4	3	5	3	2	7	B	1	1	0	0	3
30	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	4	6	3	4	3	3	1	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	1	2	1	1	1	1	2	1	1.3

PERCENTAGE OF OATA VALIO - 98.9 PERCENTAGE OF DATA INVALIO - 0.B PERCENTAGE OF OATA UNAVAILABLE - 0.3

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY OATA FOR 1979

POLLUTANT - TOTAL REOUCEO SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - 5E NO 560S1 MEMORIAL PARK YORK/THIRD ST.. CORNWALL

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM REAOING
JAN	14	4.4	6	10
FEB	19	2.3	7	1B
MAR	25	7.1	15	3S
APR	30	5.1	15	62
MAY	31	2.4	6	30
JUN	30	3.B	8	30
JUL	27	2.4	7	37
AUG	31	2.6	11	70
SEP	30	2.B	11	60
OCT	31	1.B	7	23
NOV	30	2.2	6	46
DEC	31	1.3	7	42
YEAR	329	3.1	1S	70

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	347	0	0	0	0	0	0	0	347
FEB	484	8	0	0	0	0	0	0	492
MAR	507	118	15	4	0	0	0	0	644
APR	655	39	10	8	2	0	0	0	714
MAY	696	28	2	1	0	0	0	0	727
JUN	661	33	3	2	0	0	0	0	699
JUL	652	13	2	2	0	0	0	0	669
AUG	692	27	5	6	1	0	0	0	731
SEP	664	32	8	4	1	0	0	0	709
OCT	706	23	3	0	0	0	0	0	732
NOV	687	18	6	4	0	0	0	0	715
DEC	718	14	3	1	0	0	0	0	736
YEAR	7469	353	57	32	4	0	0	0	7915

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
90.4	0	0.0	0.0	1.3	3.2	7.0	10.7	16.5	21.0	70	3.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	1	3	2	0	0	0	0	0	0	0	0	1	1	0	0	1	2	1	2	1	0	1	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	1	2	3	2	6	3	1	1	0	3	0	1	2	2	1	0	40	5	3
4	2	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	3	0	0	0	0	3	4	0	1
5	0	0	0	2	5	3	0	0	0	0	0	1	0	0	0	0	2	3	3	2	0	0	0	0	1
6	2	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	1	0	1	1	1	2	1	1
7	2	1	1	1	2	1	0	1	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	1	1	4	1
9	2	2	3	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	4	4	1
10	6	1	0	0	1	1	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1
11	0	1	2	1	1	0	0	2	0	1	0	2	0	0	0	0	1	1	1	2	2	2	0	4	1
12	0	0	0	0	1	1	1	1	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	2	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	6	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3	5	6	1	1
16	0	0	0	3	0	0	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	7	5	6	8	8	8	7	0	0	0	0	2
19	3	2	7	1	2	6	6	7	1	4	1	2	3	1	1	1	1	2	2	2	2	3	4	3	3
20	4	4	5	4	4	4	4	4	4	4	6	5	5	6	6	6	6	6	6	7	9	7	6	6	5
21	8	8	6	6	6	6	6	6	7	7	8	5	2	2	3	4	4	1	1	1	1	2	4	2	4
22	3	6	5	7	7	7	4	2	2	2	2	2	2	2	2	2	2	6	9	12	8	3	3	5	4
23	12	13	9	4	4	7	9	10	4	4	1	1	1	2	3	4	4	4	4	9	2	1	1	1	5
24	2	2	2	4	2	2	2	3	4	4	6	4	4	3	4	4	4	3	3	3	3	3	3	3	3
25	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	3	3	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	7	2	2	2	2	3
27	2	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	3
28	4	4	4	4	4	3	3	3	4	3	3	3	3	4	4	4	5	4	4	5	9	5	6	6	4
29	6	5	6	7	6	8	6	7	5	7	7	7	9	10	8	9	7	9	10	8	8	7	7	7	7
30	6	5	5	5	5	6	5	5	5	5	4	4	5	4	5	****	-	-	-	-	-	-	-	-	******
31																									
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	2	2.1

- DATA UNAVAILABLE -

PERCENTAGE OF DATA VALID - 95.3 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 4.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23	-	-	-	-	-	-	-	-	-	-	-	-	2	0	1	1	0	0	0	3	4	1	0	0	******
24	0	0	2	3	1	1	2	2	1	2	0	0	0	0	7	16	32	17	1	0	0	0	0	0	4
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	3	3	10	3	2	1
28	7	3	3	6	2	1	0	1	4	0	6	2	5	3	0	2	7	3	2	5	1	2	8	3	3
MEAN	1	1	1	2	1	0	0	1	1	0	1	0	1	1	2	3	7	4	1	2	1	2	2	1	1.5

PERCENTAGE OF DATA VALID - 19.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 80.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	1	0	0	0	0	0	1	2	0	4	4	3	3	1	1	4	4	1	0	0	0	0	1
3	2	1	2	1	2	1	1	1	2	3	3	2	6	20	3	0	0	0	1	3	4	5	3	2	3
4	2	3	1	1	1	1	2	1	2	1	1	1	8	7	1	6	1	1	1	3	2	3	3	3	2
5	1	0	0	0	0	0	2	4	5	6	6	3	4	36	6	3	3	2	1	5	3	2	9	1	4
6	1	7	3	3	3	6	4	2	1	1	2	1	0	1	0	0	0	1	2	3	3	1	0	8	2
7	11	5	3	1	2	3	2	2	1	2	2	2	1	1	1	0	0	0	0	1	5	16	6	3	3
8	2	1	1	3	3	1	3	1	0	0	0	0	0	2	5	9	8	12	4	4	3	2	3	1	3
9	1	1	1	2	1	2	2	3	0	3	4	15	4	3	6	2	1	3	13	3	2	2	2	3	3
10	2	2	2	1	0	0	0	2	1	3	1	5	6	1	0	0	1	2	2	1	2	7	4	4	2
11	5	3	1	2	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1
12	0	2	1	1	1	0	0	1	1	1	0	1	0	2	2	2	1	1	1	0	0	0	0	5	1
13	2	1	1	1	1	1	0	0	1	1	0	0	1	2	2	1	3	2	1	1	1	1	1	2	1
14	2	2	2	2	1	1	1	1	1	1	6	5	4	3	6	16	7	8	7	4	3	4	3	2	4
15	3	4	3	3	2	5	3	4	4	2	1	1	1	1	1	1	2	1	1	1	1	2	3	1	2
16	6	3	0	0	1	0	0	0	3	2	3	2	2	2	3	3	3	4	3	5	6	3	5	3	3
17	4	11	7	7	6	2	1	2	2	2	15	1	0	0	1	1	0	0	1	1	1	0	1	1	3
18	1	1	1	1	0	1	0	0	0	0	1	0	0	1	4	12	7	22	2	1	0	0	0	0	2
19	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	4	1	0	0	1
20	2	5	5	2	3	1	1	1	5	29	4	10	1	0	1	0	0	1	1	2	5	9	6	4	4
21	1	0	0	0	0	0	0	3	0	0	0	0	0	0	0	****	0	0	0	1	17	2	1	2	1
22	15	15	12	9	7	6	3	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	3	4	4	4	4	4	5	5	******
24	4	5	4	4	4	4	5	6	6	4	3	3	3	4	4	4	3	3	4	4	4	4	8	6	4
25	9	44	7	18	15	19	4	7	6	6	9	9	4	3	6	3	4	6	6	6	7	6	8	4	9
26	5	4	4	5	7	6	7	7	10	5	6	5	8	9	4	3	5	7	****	0	2	4	****	****	5
27	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0
28	0	0	0	0	6	2	0	0	0	1	2	****	2	1	4	3	2	0	9	14	2	2	3	7	3
29	3	0	4	1	4	5	3	2	0	0	1	0	0	5	6	3	4	4	0	0	0	0	0	0	2
30	0	0	0	7	5	0	1	2	0	2	0	0	3	9	4	2	4	17	1	3	5	3	0	1	3
31	2	3	3	0	3	5	3	2	2	3	1	5	2	1	3	4	0	0	0	0	0	0	0	0	2
MEAN	3	4	2	3	3	2	2	2	2	3	2	3	2	4	3	3	2	4	3	3	3	3	3	2	2.7

PERCENTAGE OF DATA VALID - 95.2 PERCENTAGE OF DATA INVALID - 4.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	3	0	0	0	0	0	0	0	0	0	1	2	7	7	0	0	0	0	28	19	1	3
2	3	1	0	0	0	0	4	0	19	18	****	****	****	-	-	-	-	-	-	-	-	-	-	-	******
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5	-	-	-	-	-	-	-	-	****	3	4	2	2	3	4	13	14	17	22	24	22	14	5	15	******
6	3	2	2	2	2	3	4	3	3	3	3	3	3	3	4	3	6	3	4	4	3	4	4	6	3
7	5	5	5	3	3	3	4	3	3	4	3	3	2	2	2	2	2	2	2	3	1	2	1	1	3
8	1	1	3	3	2	2	1	1	1	3	2	1	2	2	1	1	1	1	1	2	1	4	6	12	2
9	8	0	0	2	1	2	1	0	1	****	0	0	13	9	22	15	2	1	0	0	0	0	0	0	3
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1	1	3	1	1	1	1
11	1	2	2	1	2	2	2	2	2	1	1	1	1	2	1	2	1	1	1	1	1	1	1	4	2
12	2	2	2	3	2	2	4	2	2	2	12	4	2	1	1	4	2	20	19	12	1	1	1	1	4
13	3	16	30	21	5	3	14	29	13	7	21	6	8	12	11	34	8	0	0	1	1	1	3	5	11
14	5	16	3	1	1	2	0	1	10	35	5	0	0	0	0	0	3	3	4	8	2	1	1	1	4
15	1	3	2	1	1	1	2	1	14	8	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
16	0	0	0	0	0	0	0	0	1	16	11	0	0	0	0	0	0	0	0	1	1	1	1	1	1
17	0	0	0	0	0	0	0	2	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0
18	2	1	1	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	2	0	0	0	0
19	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	9	6	7	10	7	8	7	2
20	5	5	40	54	51	66	36	8	3	1	1	0	0	0	0	0	1	1	0	1	16	18	4	1	13
21	3	5	8	19	34	44	20	15	1	1	1	7	1	8	1	1	2	3	0	5	3	1	1	1	8
22	8	3	16	10	0	3	5	2	0	0	0	0	0	0	0	0	0	0	0	1	1	1	6	8	3
23	4	5	3	6	14	14	7	0	3	1	****	3	1	0	1	0	0	0	0	1	0	0	0	2	3
24	4	4	4	1	0	0	0	0	0	7	11	3	2	10	0	0	25	2	0	11	5	1	0	0	4
25	1	1	1	1	1	1	1	1	1	1	1	1	0	2	3	23	12	2	2	2	1	0	1	1	3
26	2	2	1	1	1	0	1	1	1	1	1	1	3	6	6	0	0	0	0	0	0	0	0	0	1
27	0	1	2	1	0	0	1	0	2	8	2	2	2	1	8	11	5	1	2	4	4	4	1	1	3
28	1	2	0	2	1	1	1	0	1	1	1	1	0	1	0	3	0	0	0	0	0	0	0	1	1
29	1	1	0	0	0	0	0	1	1	1	1	1	2	2	1	1	1	1	2	2	2	2	1	1	1
30	1	1	1	1	1	1	0	2	1	1	1	1	1	1	0	0	0	0	0	3	5	1	0	1	1
MEAN	2	3	5	5	5	6	4	3	3	5	3	2	2	3	3	5	3	3	2	3	3	3	2	3	3.3

PERCENTAGE OF DATA VALID - 89.7 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 9.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	0	3	1	1	0	1	1	0	1	1	2	2	1	1	2	2	1	1	4	1	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	4	5	3	6	4	2	4	1
3	9	5	10	1	1	0	2	9	9	3	3	5	1	0	0	1	1	0	2	10	8	2	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	1	2	3	9	8	6	1
5	2	4	0	0	1	1	1	0	****	1	0	1	2	5	1	2	2	2	2	1	7	7	2	3	2
6	3	1	3	6	7	3	4	2	1	1	1	1	2	1	1	1	2	1	1	2	2	2	2	3	2
7	3	3	2	1	1	2	25	25	17	11	6	2	2	2	1	2	2	2	2	2	2	4	4	4	5
8	5	0	1	1	1	1	2	1	3	6	4	6	19	14	7	2	1	2	10	9	8	10	15	49	7
9	37	27	21	3	6	5	3	3	3	3	****	2	2	1	2	20	2	1	0	1	2	1	1	1	6
10	1	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	3	5	1
11	5	10	11	15	10	0	1	1	1	0	6	1	0	0	0	0	0	0	0	0	0	0	0	0	3
12	1	0	0	1	2	9	7	3	1	7	3	5	3	2	8	5	5	6	17	5	1	0	0	0	4
13	0	1	1	2	1	2	1	3	1	6	12	9	8	9	1	0	1	1	4	2	4	1	1	1	3
14	1	0	0	0	1	2	2	11	1	3	7	7	4	3	3	3	3	7	8	11	22	22	29	8	7
15	17	24	11	1	0	0	0	1	3	2	3	3	3	4	10	7	6	3	8	18	7	1	1	1	6
16	1	1	1	1	1	1	6	7	3	4	5	5	6	6	4	5	1	1	1	0	1	1	0	0	3
17	0	1	1	1	6	15	11	12	10	5	6	3	2	1	2	3	5	2	1	1	2	2	1	1	4
18	2	1	1	2	27	28	9	8	5	1	5	0	1	1	7	7	0	0	1	3	9	2	46	39	9
19	31	12	28	3	1	4	8	23	22	13	12	3	0	0	0	0	0	0	0	0	0	1	2	2	7
20	0	3	4	4	3	3	1	1	2	2	1	0	1	1	0	1	3	1	2	4	1	1	1	0	2
21	0	0	0	0	0	0	0	0	2	2	1	4	5	3	5	5	2	1	3	15	3	1	1	0	2
22	0	0	0	0	1	1	0	3	2	4	2	1	2	4	3	3	2	3	11	25	32	5	1	22	5
23	8	0	1	0	1	0	0	23	14	1	0	1	1	1	1	0	0	0	0	0	0	0	0	11	3
24	9	0	0	0	0	0	0	0	0	0	0	0	2	****	2	3	2	0	1	1	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	1	27	11	0	0	0	2
27	12	18	7	11	13	10	2	1	2	3	1	2	4	4	2	1	9	1	0	0	0	0	0	0	4
28	0	1	0	0	5	3	2	2	7	3	3	1	1	1	****	1	0	2	3	0	4	8	2	4	2
29	1	0	0	0	0	2	12	2	2	2	1	2	2	2	0	1	1	5	15	5	1	1	0	0	2
30	1	19	5	0	0	0	2	3	18	18	1	3	11	2	8	4	1	1	2	6	2	4	8	20	6
31	17	12	9	2	2	1	.1	4	4	7	6	6	5	3	2	1	2	1	1	1	1	1	1	10	4
MEAN	5	5	4	2	3	3	3	5	5	3	3	2	3	2	2	3	2	2	3	5	5	3	4	6	3 5

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	48	41	19	2	26	2	7	14	9	3	4	1	1	1	4	6	7	4	1	1	1	1	1	9
2	3	1	0	0	1	14	6	2	1	1	1	1	1	2	3	4	4	2	3	3	5	3	2	4	3
3	3	2	1	2	2	2	2	6	3	2	3	5	4	6	4	3	3	3	4	11	21	10	5	10	5
4	4	4	4	4	5	2	2	2	2	3	2	3	3	3	4	11	9	5	16	2	2	2	13	24	5
5	4	38	30	4	8	21	3	4	3	2	2	5	6	4	2	1	0	0	0	0	0	0	0	0	6
6	1	2	3	18	13	3	2	3	2	2	2	3	4	4	4	3	4	6	3	4	6	7	4	3	4
7	1	1	1	3	4	1	5	17	23	25	13	2	8	2	1	0	0	12	2	2	2	1	1	1	5
8	3	1	26	40	28	24	0	2	6	****	9	10	4	5	10	15	7	27	21	17	27	27	24	16	15
9	17	58	4	1	2	4	4	19	4	0	0	1	1	4	2	0	0	0	0	1	14	2	1	0	6
10	15	18	2	1	3	3	1	0	1	3	1	1	2	2	3	4	7	13	21	1	3	15	6	4	5
11	6	9	5	2	1	1	1	2	3	1	2	1	2	2	3	2	2	1	1	3	3	2	2	2	2
12	3	3	5	2	1	2	1	2	2	1	2	2	1	1	2	10	18	14	13	2	0	0	0	3	4
13	5	7	9	4	1	0	0	11	0	0	0	1	2	2	2	2	3	2	2	2	4	30	29	17	6
14	15	7	9	2	2	1	0	0	0	0	1	1	1	1	1	1	1	1	2	1	1	1	2	3	2
15	1	3	17	2	2	4	3	7	1	2	****	****	5	2	2	4	5	7	33	2	3	2	2	2	5
16	1	1	2	2	2	2	2	2	2	5	5	8	2	4	4	2	5	3	2	13	32	7	4	9	5
17	3	5	5	9	24	13	12	5	11	3	4	6	7	5	3	4	5	8	5	8	23	15	23	5	9
18	3	2	2	2	0	0	2	****	****	****	****	****	****	****	****	0	2	10	5	8	6	15	2	2	4
19	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	6	7	2
20	19	26	1	1	1	2	2	2	1	0	5	7	1	0	****	2	3	1	1	3	7	41	18	2	6
21	1	17	2	1	1	0	0	0	0	0	0	1	1	2	2	3	2	2	5	7	14	1	6	2	3
22	1	2	4	5	6	3	1	0	0	2	2	2	2	4	3	1	2	1	5	0	1	21	43	4	5
23	3	2	3	4	4	2	3	4	7	2	2	1	1	0	0	0	4	4	2	1	1	0	0	1	2
24	1	0	1	0	0	1	1	0	2	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	16	26	36	23	4
26	10	7	5	8	2	4	1	1	2	1	2	2	****	****	****	3	2	2	6	11	28	27	25	19	8
27	23	28	54	43	15	7	3	1	0	0	1	0	1	1	0	0	1	5	2	2	2	5	2	6	8
28	42	37	44	6	13	23	3	3	2	3	1	0	0	2	9	11	9	1	1	****	2	19	49	1	12
29	7	3	7	7	12	0	0	2	1	2	2	1	1	1	1	2	2	2	2	3	5	11	1	0	3
30	2	2	3	5	2	3	3	0	0	0	0	0	6	2	34	12	21	10	0	0	1	9	0	0	5
MEAN	7	11	10	7	5	6	2	4	3	3	2	2	2	2	4	4	4	5	5	4	8	10	10	6	5.3

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	13	3	0	5	4	0	0	10	40	4	1	0	1	5	6	2	2	0	0	0	0	0	0	4
2	0	0	0	0	9	4	1	2	1	1	1	1	0	0	0	0	1	1	1	0	0	0	3	1	1
3	0	1	1	1	1	2	3	2	2	3	3	2	1	1	2	3	3	2	0	0	0	0	0	0	1
4	1	0	1	2	1	2	0	0	0	1	2	2	2	4	3	2	0	1	0	0	0	0	0	0	1
5	0	0	0	0	0	2	0	0	0	0	0	0	0	1	1	****	0	0	0	0	1	1	1	1	0
6	2	0	2	1	0	1	0	1	0	0	0	0	1	0	0	0	1	2	2	3	2	1	1	1	1
7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2	2	2	13	2	1
9	4	5	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	1	2	2	1	2
10	0	0	0	1	0	0	3	3	3	1	****	0	1	0	0	0	0	0	1	0	1	1	0	0	1
11	0	0	0	0	0	0	0	1	4	2	2	0	1	0	0	0	0	0	0	0	2	2	3	1	1
12	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	3	3	6	1
14	1	0	0	0	0	0	2	1	2	1	0	0	0	1	2	10	15	17	1	1	1	2	2	2	3
15	2	3	2	2	0	2	2	1	1	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
17	1	0	1	0	0	0	1	1	1	1	1	1	****	****	****	****	****	****	14	11	2	2	1	1	2
18	2	0	0	0	0	1	0	0	9	14	11	5	1	0	0	1	1	1	1	1	1	2	1	0	2
19	0	0	0	0	0	0	0	0	0	0	0	0	2	****	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	1	0	0	0	0
22	1	1	2	2	0	6	5	6	2	1	1	1	1	0	2	0	0	0	0	0	0	0	2	3	2
23	0	0	0	1	0	2	10	13	11	0	6	10	2	0	3	2	2	0	0	2	4	1	2	0	3
24	0	0	2	2	1	7	4	4	0	0	0	2	2	2	6	0	1	2	1	0	1	4	2	2	2
25	9	1	2	1	4	4	4	0	1	2	1	****	****	2	1	1	2	2	3	4	7	3	2	10	3
26	0	0	8	2	0	2	6	4	4	2	0	1	1	2	1	1	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	1	1	0	1	2	0	0	1	1	2	2	4	0	3	44	58	12	6
28	17	10	5	5	6	8	4	2	1	1	0	0	0	0	0	0	1	5	3	7	5	6	8	11	4
29	18	5	22	14	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	2	2	2	7	3
30	9	33	17	3	11	5	1	1	2	2	2	0	0	0	0	1	0	0	0	0	1	0	3	14	4
31	21	6	2	0	0	0	0	0	1	2	1	2	2	3	7	3	7	1	5	12	8	0	2	2	4
MEAN	3	3	2	1	1	2	1	1	2	3	1	1	1	1	1	1	1	1	1	2	1	3	4	3	1.7

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO S6068 SCHOOL 43S SECONO ST W CORNWALL MONTH - AUG 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	8	0	S	1	0	0	0	1
2	1	3	2	2	1	2	7	12	21	19	2	2	0	****	****	1	4	2	4	1	0	0	C	7	4
3	1	11	2	0	0	0	0	1	1	1	4	2	3	6	8	4	6	9	4	1S	61	S	11	7	7
4	4	8	3	1	2	3	3	1	0	0	1	4	2	1	1	2	2	4	6	3	0	27	35	5	S
S	14	11	4	1	12	0	0	2	0	0	1	7	1	S	9	11	12	7	0	0	1	0	0	0	4
6	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
7	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	0	2	2	2	5	7	1	0	0	1
8	7	2	0	1	0	2	6	2	5	4	2	0	1	0	0	1	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	****	****	0	0	2	4	1	0	0	0	0	0	1S	0	0	0	1
10	0	0	0	0	1	0	1	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	S	18	18	S	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	9	8	2	1	1	2	2	2	2	S	9	1S	22	27	4	3	5
14	27	6	3	8	4	2	4	9	3	4	3	7	8	2	1	0	0	0	0	1	1	1	1	0	4
1S	2	2	2	0	0	0	0	0	2	3	2	1	1	3	3	4	4	0	0	0	0	0	0	0	1
16	0	0	0	0	2	S	0	0	0	1	2	0	1	2	2	1	0	0	1	0	0	0	0	2	1
17	5	8	S	2	7	2	3	2	S	3	2	4	****	3	1	4	6	7	21	31	20	22	10	S	8
18	4	20	1	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	2	1
19	1	1	0	0	9	3	0	0	0	0	1	1	0	1	1	1	0	1	1	1	1	0	0	0	1
20	0	1	0	0	0	0	3	17	23	14	4	3	1	2	3	2	1	1	1	7	4	3S	18	3	6
21	1	6	21	27	2	1S	11	6	1	1	1	3	2	0	0	0	0	0	0	0	0	0	0	0	4
22	0	0	1	0	0	0	2	7	10	6	4	1	2	2	1	2	2	9	0	0	0	2	0	2	2
23	0	0	0	0	0	0	2	1	0	0	1	2	3	2	2	2	7	5	4	14	S9	22	21	44	8
24	32	64	0	0	0	0	0	1	****	-	4	2	3	4	5	13	13	21	15	0	4	0	3	16	9
25	23	18	20	25	20	1	11	6	8	13	13	10	10	9	7	4	8	12	5	S	8	4	4	6	10
26	10	13	20	24	19	13	11	4	5	13	23	8	1	1	1	14	17	17	19	28	1	1	1	3	11
27	1	1	1	2	4	3	1	0	6	4	0	0	3	2	3	1	2	5	9	2	11	2S	32	2	S
28	2	6	12	3	32	38	21	1	7	3	3	6	4	5	4	9	S	0	5	10	1	0	0	1	7
29	2	3	1	1	0	3	2	2	2	1	7	3	3	2	3	2	4	6	1S	18	6	4	22	10	S
30	17	9	3	1S	11	2	4	4	8	6	12	14	9	11	4	6	8	4	11	10	1	0	0	0	7
31	0	0	1	1	1	1	1	1	1	1	1	2	6	1	2	4	6	6	4	0	0	0	0	3	2
MEAN	5	6	4	4	4	3	3	3	4	4	3	3	2	2	2	3	4	4	4	6	7	6	S	4	4.0

PERCENTAGE OF OATA VALID - 98.9 PERCENTAGE OF OATA INVALIO - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REOUCEO SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO S6068 SCHOOL 43S SECOND ST W CORNWALL MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	10	3	6	7	9	4	6	8	9	6	8	12	8	S	3	0	33	9	0	0	3	6
2	1S	27	0	0	0	3	4	8	8	8	9	11	6	7	11	2S	18	23	16	18	23	18	12	9	12
3	8	1	4	4	7	7	4	6	3	0	1	1	3	1	0	0	0	0	0	0	0	0	0	0	2
4	0	0	0	0	0	0	2	9	6	1	3	2	-	-	-	-	-	-	-	-	-	-	-	-	******
S												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- OATA UNAVAILABLE -													
8												- OATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- OATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- OATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- OATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- OATA UNAVAILABLE -													
25												- OATA UNAVAILABLE -													
26												- OATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	6	7	1	4	3	4	4	8	S	4	S	6	S	S	8	11	8	9	S	17	11	6	4	4	6.0

PERCENTAGE OF DATA VALID - 11.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 88.3

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12	1	1	1	1	1	0	1	0	0	3	****	4	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	9	9	11	4	2	6	0	0	1	10	26	1	17	28	3	1	0	0	1	1	1	1	0	6
14	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	0	0	0	0
15	3	4	0	0	3	6	0	0	2	2	1	0	0	0	0	0	1	3	0	0	0	0	1	2	1
16	0	0	0	0	0	3	13	3	3	1	1	2	3	1	1	4	0	0	4	5	5	6	3	3	3
17	4	3	2	1	1	3	4	6	6	2	4	0	****	0	1	5	7	2	0	7	3	3	0	0	3
18	0	0	0	0	0	0	0	0	0	0	3	3	2	3	0	0	9	1	4	7	10	12	4	3	3
19	0	2	3	2	1	1	1	1	5	13	16	29	0	0	0	0	0	1	2	3	2	13	6	4	4
20	10	7	2	0	0	1	2	0	0	0	0	0	0	3	1	3	8	35	17	9	42	13	11	8	7
21	3	1	4	2	4	5	7	16	1	0	1	2	6	0	2	1	1	3	5	2	6	3	2	2	3
22	4	5	21	3	6	10	25	9	3	2	1	0	0	0	2	3	2	1	9	2	1	3	3	0	5
23	0	0	0	0	0	0	0	1	0	2	1	1	3	3	7	3	5	6	3	3	4	4	1	0	2
24	3	0	1	8	7	9	9	4	6	1	0	2	0	0	0	0	1	1	2	3	5	1	1	1	3
25	0	0	0	0	0	0	0	0	1	****	3	4	3	4	3	3	2	3	3	3	4	3	2	2	2
26	1	3	4	4	3	3	4	5	4	4	1	1	2	2	1	1	2	2	4	5	3	3	3	3	3
27	3	3	3	3	3	3	2	2	2	1	1	1	1	1	1	1	0	0	0	3	2	0	0	0	2
28	0	0	0	1	1	8	3	2	1	0	0	0	0	0	2	2	6	0	1	0	0	0	0	0	1
29	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	3	3	2	2	1	0	0	0	1
30	1	2	1	1	1	2	1	1	1	0	1	1	1	2	3	2	1	1	2	5	8	13	28	15	4
31	5	2	3	4	4	3	3	3	6	30	12	8	S	****	****	****	2	2	2	4	0	0	1	2	5
MEAN	2	2	3	2	2	3	4	3	2	3	3	4	1	2	3	2	3	3	3	3	5	4	3	2	2.8

PERCENTAGE OF DATA VALID - 63.7 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 35.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	3	3	****	****	1	4	9	25	1	16	2	8	1	1	3	13	11	11	5	20	83	10
2	38	4	11	4	7	13	16	6	3	4	6	5	6	3	3	8	20	25	16	9	11	8	1	8	10
3	11	15	7	7	6	1	1	1	2	1	1	2	4	6	4	2	3	4	20	23	17	2	3	2	6
4	3	3	3	2	8	7	6	5	1	2	0	2	1	1	0	1	1	1	1	1	1	2	2	1	2
5	3	15	3	9	3	2	11	2	1	3	3	2	2	3	3	6	6	3	6	5	8	8	9	8	5
6	8	7	6	4	3	2	1	3	2	2	5	4	3	2	2	1	1	3	1	1	1	1	0	0	3
7	0	0	2	2	2	1	1	2	1	0	0	0	0	****	0	0	0	0	1	0	1	3	11	10	2
8	7	0	3	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	5	0	1	0	0	1
9	1	1	6	32	23	8	17	8	5	5	1	0	0	1	17	0	0	0	2	3	4	1	0	5	6
10	10	23	0	0	0	2	28	22	19	0	0	0	0	0	1	1	1	1	1	1	2	0	0	0	5
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	1	3	3	1	0	0	2	4	1	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	2	6	3	7	1	36	0	0	0	0	0	0	0	0	0	0	0	2
14	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	2	0	1	1	0	1	1	0
15	1	1	1	2	2	4	16	6	1	3	1	1	1	1	3	2	3	8	0	0	0	22	18	3	4
16	6	1	1	0	2	7	2	2	2	2	2	2	0	2	2	3	4	2	0	2	2	2	1	1	2
17	1	1	1	1	0	2	16	8	2	4	7	15	25	24	1	3	1	0	0	0	0	0	0	0	5
18	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	32	6	2
19	35	2	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	1	10	27	3
20	7	0	1	10	9	1	0	4	3	0	8	27	****	****	****	18	13	5	7	19	16	2	3	2	7
21	1	2	1	2	1	1	4	2	0	0	1	3	1	2	1	1	1	1	2	5	0	0	2	16	2
22	20	18	10	11	8	2	3	3	5	4	5	9	13	18	13	9	7	8	19	22	24	35	21	30	13
23	40	18	14	0	0	0	0	0	0	0	0	0	4	54	0	0	0	0	5	29	5	5	1	1	7
24	1	2	4	0	0	0	0	0	0	0	2	6	14	5	2	2	1	5	5	3	4	2	6	4	3
25	1	2	1	3	16	8	2	3	3	2	2	31	11	4	2	2	2	42	5	2	1	3	6	4	7
26	4	4	5	4	3	3	1	1	3	12	23	3	13	16	15	6	10	19	11	2	8	7	3	7	8
27	13	7	8	7	7	10	4	4	4	3	7	7	6	16	10	22	5	4	4	0	1	3	18	17	8
28	1	1	1	4	8	1	1	1	3	3	2	8	4	4	27	14	12	10	25	15	4	4	7	10	7
29	14	9	6	4	4	3	3	0	0	0	0	0	2	2	2	2	2	2	2	2	1	1	1	1	3
30	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	2	2	2	2	2	2	1	1	3	2
MEAN	8	5	3	4	4	3	5	3	2	2	4	5	6	6	4	4	3	5	5	5	4	4	6	8	4.5

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	4	3	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0
3	0	0	0	0	0	0	0	1	0	0	0	0	0	****	****	8	2	1	2	4	3	2	9	11	2
4	0	5	19	10	6	4	3	4	1	1	7	10	9	6	9	0	1	1	2	1	2	4	9	1	5
5	1	2	1	4	0	0	0	0	0	0	0	0	0	0	1	5	2	2	1	2	1	2	2	2	1
6	2	2	1	1	3	3	4	9	10	****	****	4	3	2	1	2	8	16	5	4	11	2	3	13	5
7	22	24	16	18	17	16	9	7	3	1	1	4	4	5	7	0	0	0	0	0	4	6	4	13	8
8	9	4	3	3	2	4	18	1	1	1	1	1	0	1	1	1	1	1	2	2	1	0	1	3	3
9	2	1	1	1	4	3	2	2	1	0	3	1	2	2	3	4	4	2	1	0	1	11	16	2	3
10	1	1	1	1	1	1	0	0	0	0	0	14	1	2	2	0	0	3	10	1	0	0	0	0	2
11	2	0	2	5	0	1	2	3	1	1	1	1	3	4	4	4	4	8	8	7	5	0	1	1	3
12	2	2	4	4	1	2	3	3	5	6	5	6	2	1	2	0	0	0	0	0	0	0	0	0	2
13	0	0	0	0	0	0	0	0	0	1	2	5	0	0	2	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	1	2	3	3	****	****	****	****	2	1	1	1	0	0	0	0	1	1	1	1	1
15	0	0	0	0	0	1	1	1	2	0	0	0	0	1	1	3	3	0	1	1	4	6	4	2	1
16	2	3	2	2	1	1	1	2	1	1	1	1	0	0	0	1	2	3	3	0	0	0	2	2	1
17	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1
18	2	2	3	2	2	1	0	0	0	2	2	2	1	2	2	1	0	1	0	0	1	1	1	2	1
19	0	0	0	0	0	2	1	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	8	4	1	0	1	1	1	1
21	0	0	0	1	1	1	1	2	2	0	0	1	1	5	6	13	1	2	3	5	6	4	4	7	3
22	5	4	5	3	1	0	2	0	1	1	15	25	34	45	34	0	0	1	1	9	6	0	2	2	8
23	1	0	0	1	2	0	0	2	5	2	1	3	2	1	2	2	0	0	1	2	0	22	24	14	4
24	16	6	1	0	1	1	1	1	0	1	2	0	0	1	6	0	0	0	0	0	0	0	0	0	2
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	1	1	0
27	1	1	1	1	0	0	0	1	2	0	1	1	0	0	0	1	1	1	1	0	0	1	1	2	1
28	1	1	1	1	1	1	1	1	0	7	9	11	8	5	1	1	2	5	2	1	1	0	0	0	3
29	0	1	3	6	6	2	1	2	3	5	2	2	4	7	4	8	6	2	9	10	2	0	0	0	4
30	0	0	0	0	0	0	1	2	1	1	0	0	1	2	1	0	0	0	0	0	0	0	1	0	0
31	0	0	1	1	1	1	1	1	1	0	1	2	2	0	1	1	1	1	5	4	3	0	0	0	1
MEAN	2	2	2	2	2	2	2	2	1	1	2	3	3	3	3	2	1	2	2	2	2	2	3	3	2.1

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO 56068 SCHOOL 435 SECOND ST W CORNWALL

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	2.1	7	40
FEB	5	1.5	4	32
MAR	29	2.7	9	44
APR	26	3.3	13	66
MAY	31	3.5	9	49
JUN	30	5.3	15	58
JUL	31	1.7	6	58
AUG	31	4.0	11	64
SEP	3	6.0	12	33
OCT	20	2.8	7	42
NOV	30	4.5	13	83
DEC	31	2.1	8	45
YEAR	296	3.2	15	83

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - SE NO S6068 SCHOOL 435 SECOND ST W CORNWALL

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	S01&OVER	TOTAL
JAN	70S	3	0	1	0	0	0	0	709
FEB	129	2	0	1	0	0	0	0	132
MAR	685	19	1	3	0	0	0	0	708
APR	S90	36	8	9	3	0	0	0	646
MAY	678	39	14	9	0	0	0	0	740
JUN	60S	50	26	21	2	0	0	0	704
JUL	707	20	2	3	1	0	0	0	733
AUG	650	S4	20	9	3	0	0	0	736
SEP	70	9	4	1	0	0	0	0	84
OCT	451	14	3	6	0	0	0	0	474
NOV	626	S6	18	12	2	0	0	0	714
DEC	708	19	5	3	0	0	0	0	735
YEAR	6604	321	101	78	11	0	0	0	7115

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 50	70	90	95	98	99	MAX	ARITH MEAN
81.2	0	0.0	0.0	0.8	2.4	7.6	13.7	22.6	29.4	83	3.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. ORYDEN MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA INVALID -													
14	****	0	0	0	0	0	0	0	0	0	1	S ****	6	S	5	8	6	9	3	5	6	6	1	3	
15	****	77	90	83	15	8	4	18	1	3	8	7 ****	6	6	10	10	11	6	5	3	3	2	2	17	
16	****	0	0	0	0	0	0	0	0	0	5	7 ****	5	4	4	4	2	2	3	1	1	0	0	2	
17	****	0	0	0	0	0	0	0	39	3	4	3 ****	0	0	1	1	1	1	1	2	2	1	1	3	
18	0	0	0	0	0	0	0	0	0	0	0	0 ****	0	0	0	0	0	0	0	0	0	0	0	0	
19	****	0	0	0	0	0	0	0	0	2	3	1 ****	2	4	4	4	4	2	2	3	2	1	1	2	
20	****	2	2	2	2	2	2	2	2	2	4	S ****	3	3	4	4	3	0	0	0	0	0	0	2	
21	****	0	0	0	0	0	0	0	0	0	2	S ****	4	4	3	15	11	8	5	4	3	12	21	4	
22	****	30	23	12	19	42	17	3	3	3	3	4 ****	8	8	8	7	5	3	3	15	32	13	29	13	
23	****	1	1	0	0	0	0	0	0	0	2	2 ****	1	1	3	4	2	1	0	0	0	0	0	1	
24	****	0	0	0	0	0	0	0	0	0	0	1 ****	0	0	0	0	0	0	0	0	0	0	0	0	
25	****	0	0	0	0	0	0	0	0	0	0	0 ****	0	0	0	0	0	0	0	0	0	0	0	0	
26	****	0	0	0	0	0	0	0	0	0	3	3 ****	S	6	8	11	8	S	51	10	6	3	2	6	
27	****	S6	91	27	S	3	3	1	1	1	8	7 ****	8	8	10	11	10	8	5	4	3	2	1	12	
28	****	0	0	8	6	0	0	0	0	2	3	3 3	4	4	S	5	4	3	2	2	10	19	4	4	
29	****	11	8	6	4	2	2	1	1	3	S	2 ****	3	S	7	8	7	5	3	3	1	1	1	4	
30	****	0	0	0	0	0	0	0	0	2	S	4 ****	3	4	4	4	3	0	27	13	5	3	7	4	
31	****	10	8	14	7	3	0	0	0	2	6	7 1	0	0	0	0	0	0	0	0	0	0	0	3	
MEAN	0	10	12	8	3	3	2	1	3	1	3	4 2	3	3	4	5	4	3	6	4	4	4	4	4.4	

PERCENTAGE OF DATA VALID - 53.6 PERCENTAGE OF DATA INVALID - 14.1 PERCENTAGE OF DATA UNAVAILABLE - 32.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. ORYOEN MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	D	0	D	0	D	0	0	0	0	0	D	****	D	0	5	30	20	10	1	1	0	C	D	3
2	****	D	D	0	0	0	0	0	D	D	2	3	****	3	3	3	3	2	1	D	19	45	13	11	5
3	****	4	3	2	0	0	D	3	5	D	1	1	****	****	1	1	1	0	0	D	D	0	0	0	1
4	0	D	0	0	D	D	0	D	D	1	4	5	25	23	20	18	17	17	2	1	D	0	0	D	6
5	0	0	0	0	D	0	D	0	2	5	8	5	5	4	3	2	2	2	1	1	0	1	2	0	2
6	27	19	8	9	7	2	3	4	3	D	1	1	D	5	2	3	7	19	6	7	16	5	2	0	7
7	0	0	0	D	0	D	0	0	D	1	4	3	4	2	1	2	1	0	0	0	0	D	0	D	1
8	0	D	0	D	0	0	0	0	0	0	0	D	0	D	0	0	0	0	0	0	D	0	0	25	1
9	30	17	29	29	27	19	15	36	72	23	25	12	7	18	3	3	4	3	0	D	2	12	16	12	17
10	2	D	1	5	0	0	0	0	0	0	1	3	3	2	3	5	3	2	1	0	0	0	0	0	1
11	0	0	0	D	0	D	0	0	0	0	2	3	5	5	5	4	2	0	0	0	D	0	0	0	1
12	0	D	0	D	0	0	0	D	0	D	3	2	****	****	****	D	D	0	0	D	D	0	0	0	0
13	0	D	D	0	0	D	0	0	D	0	0	D	D	D	D	D	D	0	0	0	0	0	0	D	0
14	0	D	D	D	0	0	0	D	0	D	1	5	7	1	D	36	71	133	116	48	75	94	78	9	28
15	14	11	3	1	2	8	0	9	6	9	6	21	8	16	4	2	D	15	11	64	11	5	17	23	11
16	29	4	10	16	51	8	27	8	4	1	D	1	6	14	16	4	7	12	66	144	4D	42	24	9	23
17	16	14	26	8	2	3	6	0	D	0	D	0	D	0	0	D	D	0	D	0	0	0	0	0	3
18	D	D	0	D	0	0	0	0	0	D	0	D	D	0	0	D	0	0	0	0	0	0	D	0	0
19	0	D	0	0	D	D	D	D	0	0	0	D	0	D	D	D	0	D	0	D	0	0	0	0	0
20	D	0	0	0	D	0	0	D	0	0	7	7	4	2	0	1	1	3	2	D	7	4	5	10	2
21	6	21	44	9	7	14	2	1	7	42	36	10	6	38	42	49	51	30	7	3	1	1	0	28	19
22	5	1	4	64	38	2	2	42	21	8	3	1	0	2	16	8	8	26	16	3	10	3	4	3	12
23	0	0	0	2	2	1	5	2	13	39	21	7	9	2	2	5	4	4	0	0	D	0	0	0	5
24	0	D	0	0	0	0	0	D	D	1	3	3	2	2	1	D	0	1	1	3	3	1	D	0	1
25	0	4D	22	4	9	7	2	2	5	5	5	2	2	4	1	1	5	7	3	2	1	1	14	9	6
26	3	7	5	17	14	4	5	2	2	16	4	4	4	2	****	****	0	0	1	0	0	D	D	0	4
27	0	0	0	4	1	0	0	D	D	0	1	0	D	1	4	6	D	0	0	0	1	28	11	4	3
28	7	12	1	3	6	3	0	0	0	3	4	D	1	2	3	4	1	1	0	0	0	0	0	D	2
29	D	0	0	D	0	0	D	0	0	0	0	0	D	0	0	0	D	0	D	D	0	0	1	6	D
30	5	0	1	11	D	0	0	0	0	3	2	D	0	D	0	D	17	1	0	25	23	3	4	D	4
MEAN	5	5	5	6	6	2	2	4	5	5	5	3	4	5	5	6	8	1D	8	1D	7	8	6	5	5.6

PERCENTAGE OF OATA VALIO - 98.3 PERCENTAGE OF OATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - D.O

NOTES 1. "****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REOUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. ORYDEN MONTH - MAY 79

HOUR / OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	2D	21	22	23	24	MEAN
1	D	D	0	0	D	0	0	D	0	0	0	D	****	0	0	D	D	D	D	0	D	D	0	0	0
2	0	0	D	0	0	0	0	D	D	65	83	29	67	24	124	117	1D8	16	12	9	7	8	8	8	29
3	0	D	0	D	3	D	3	2	3	3	5	5	****	****	12	11	6	4	5	8	5	6	1	1	4
4	5	8	9	9	D	D	5	0	2	4	4	4	4	4	8	16	29	9	4	0	D	0	0	0	5
5	0	D	0	D	0	D	0	0	10	10	6	5	3	3	25	2	0	D	D	D	D	D	0	D	3
6	2	2	0	0	D	0	0	0	0	0	D	0	D	D	0	0	D	0	0	D	D	D	0	D	D
7	0	D	0	0	0	0	0	0	0	3	3	3	3	0	0	0	D	D	D	0	D	0	0	D	1
8	0	D	D	0	0	D	D	4	25	18	11	8	5	5	11	21	32	55	16	6	8	7	9	7	1D
9	2	0	0	5	3	3	0	D	0	5	4	4	0	D	0	D	0	D	D	D	D	0	0	D	1
10	0	0	0	0	D	0	0	0	0	0	D	D	****	****	****	0	0	D	D	0	0	0	0	0	0
11	0	0	0	0	D	0	0	5	1D	71	121	17D	98	91	128	84	116	121	1D6	123	112	236	1D7	17	72
12	15	9	5	115	45	26	17	52	47	56	18	72	96	143	121	120	121	118	84	4	7	16	11	7	55
13	3	0	32	18	88	7	3	0	D	D	3	2	3	2	3	5	4	3	7	7	68	9	11	26	13
14	6	8	21	2D	15	9	12	12	4	5	5	2	0	D	0	D	0	0	D	5	11	0	0	D	6
15	0	3	2	11	15	8	3	D	D	2	3	9	8	21	24	17	21	18	11	4	4	D	D	0	8
16	0	0	D	D	0	0	0	0	0	0	0	D	0	0	0	D	0	D	D	0	D	0	D	D	D
17	0	D	D	7	2	D	D	D	D	4	4	0	D	9	168	180	15	8	0	D	D	D	D	17	17
18	2	4	2	21	94	107	66	87	124	177	158	137	128	123	1D9	124	164	88	22	11	5	9	D	D	74
19	14	D	D	0	0	0	D	D	0	0	D	D	D	D	0	D	D	0	0	D	0	0	0	D	1
2D	0	D	0	0	0	0	0	0	D	0	0	D	D	0	D	0	11	34	165	35	47	7D	77	37	20
21	28	1D9	19	19	12	13	25	44	19	8	64	14	0	D	0	0	D	D	0	D	0	D	0	0	16
22	0	0	0	0	4	D	0	0	0	0	D	0	D	0	9	6	8	7	7	D	D	D	12	7	3
23	9	1	11	8	32	32	7	3	D	D	0	D	0	0	D	0	D	0	0	D	D	3	2	2	5
24	0	3	2	6	3	3	3	D	0	D	0	D	0	****	0	D	D	2	31	21	8	5	3	3	4
25	0	0	0	D	0	D	0	D	D	D	0	0	4	D	D	15	5	D	D	0	0	13	5D	1	4
26	0	D	0	34	25	2	0	D	D	D	0	D	0	D	0	6	6	0	D	D	D	0	D	17	4
27	3	55	9	4	1D	2	0	D	0	D	D	D	D	D	D	D	D	D	D	D	3	45	30	6	7
28	5	12	16	16	14	7	2	D	0	D	0	D	D	D	0	0	D	0	D	1	1	1	1	0	3
29	0	D	0	D	0	D	D	0	0	D	0	D	2	2	2	2	1	D	D	D	D	D	D	0	0
3D	0	D	0	D	0	D	0	0	D	D	D	0	D	D	1	1	1	1	D	D	0	0	0	D	0
31	5	10	8	5	3	5	4	2	2	2	2	3	****	****	3	3	3	0	0	D	7	1D	1	9	4
MEAN	3	7	4	1D	12	7	5	7	8	14	16	15	16	16	25	24	21	16	15	8	9	14	10	5	11.9

PERCENTAGE OF DATA VALIO - 98.8 PERCENTAGE OF OATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - D.O

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. ORYDEN MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	26	18	11	12	18	27	43	123	53	9	5	9	50	34	8	3	39	171	48	13	95	4	4	35
2	0	0	0	0	4	8	176	33	32	112	188	112	24	14	15	13	29	33	28	37	8	7	2	0	36
3	5	47	12	0	0	0	0	0	17	95	121	57	109	201	98	119	54	42	7	13	6	9	32	10	44
4	0	0	72	4	2	0	0	0	0	0	0	0	****	0	0	2	1	1	1	1	1	2	2	1	4
5	0	0	0	0	0	0	0	0	0	0	0	1	2	2	4	3	2	2	1	1	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	1	78	4	1	1	3	1	3	0	0	0	0	0	4
7	0	2	1	2	5	16	13	45	35	65	30	37	43	34	89	58	44	80	43	8	9	16	32	14	30
8	8	28	64	31	4	1	3	4	0	1	1	3	3	2	0	0	0	0	0	6	1	6	5	29	8
9	6	5	1	0	3	3	0	0	0	0	0	5	2	3	4	4	0	1	1	1	2	12	4	16	3
10	6	6	13	9	17	1	6	0	0	0	0	0	1	0	0	0	0	0	0	0	0	46	40	16	7
11	22	14	16	20	27	18	8	3	1	0	0	0	2	1	1	3	2	1	0	3	19	2	2	1	7
12	4	2	0	0	0	1	3	65	15	3	2	13	4	8	3	1	0	0	0	0	0	0	0	0	5
13	0	0	0	0	0	2	1	1	4	2	3	3	2	1	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	21	17	4	0	0	1	1	0	0	0	6	3	0	2	31	4
15	21	6	30	83	86	11	8	24	99	100	70	63	96	7	7	19	7	1	1	0	2	11	17	15	33
16	14	10	27	16	13	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	34	6
17	18	14	18	18	15	10	5	4	2	2	1	0	0	0	0	0	0	0	0	0	2	4	9	2	5
18	0	0	5	2	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	16	2	0	0	0	1	27	7	3
21	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
22	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	5	1
23	19	33	23	17	10	3	0	0	0	0	0	0	0	0	0	2	0	12	15	13	7	23	6	3	8
24	5	4	1	0	3	2	0	0	0	0	31	41	26	20	7	10	0	3	0	0	0	0	0	0	6
25	0	0	0	0	0	0	0	0	0	0	0	0	0	2	114	77	10	9	31	4	3	8	2	1	11
26	0	0	3	56	202	205	233	232	109	31	7	5	4	4	5	2	1	0	0	10	67	18	17	1	51
27	8	35	36	28	17	10	14	12	23	9	12	18	6	8	32	108	15	84	39	4	2	1	1	0	22
28	0	12	10	15	0	5	33	116	9	5	21	16	10	55	45	41	77	53	49	16	4	3	3	1	25
29	0	1	15	37	22	20	23	8	10	6	2	3	7	14	2	1	1	4	8	25	26	3	29	4	11
30	22	2	4	36	16	8	3	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	2	4
MEAN	6	8	12	13	15	12	19	20	16	17	17	13	15	14	16	16	9	12	13	7	6	9	8	7	12.4

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. ORYDEN MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	3	0
3	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	36	63	46	38	9
4	38	12	3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	3	7	13	6	17	4
5	14	7	25	14	11	35	10	****	****	****	****	****	0	0	3	4	2	66	90	138	123	111	48	9	37
6	8	10	75	18	4	3	12	1	1	7	84	81	52	44	64	2	14	3	0	0	0	0	0	0	20
7	0	0	0	0	0	0	0	0	2	3	1	0	1	1	2	0	0	0	0	40	3	5	4	0	3
8	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	1	2	1	61	55	4	14	34	41	128	6	4	2	0	3	1	15
10	0	0	0	1	2	48	34	3	1	1	1	3	12	78	7	6	7	7	19	41	91	10	15	38	18
11	61	44	24	20	13	4	1	1	0	0	1	5	5	2	2	1	3	1	1	0	0	0	0	0	8
12	0	0	0	0	0	0	0	0	0	0	0	0	1	****	1	10	49	3	0	0	0	0	3	1	3
13	0	0	0	0	0	0	0	3	1	0	1	1	1	0	1	1	2	0	2	7	6	9	3	0	2
14	0	0	5	112	46	5	59	114	96	149	160	184	175	138	148	113	87	184	182	157	128	148	125	100	109
15	137	114	101	59	7	16	4	3	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	19
16	1	27	12	12	9	2	6	2	0	11	4	7	11	43	5	60	48	8	5	33	2	3	2	2	13
17	3	1	1	4	5	1	2	14	37	45	53	34	60	35	46	46	97	119	145	7	1	1	3	32	33
18	2	2	1	5	0	0	5	55	182	170	117	130	104	136	146	108	107	109	94	12	5	59	5	16	65
19	4	1	0	0	0	15	13	2	0	2	1	1	0	1	4	2	1	1	7	6	3	3	2	1	3
20	0	0	0	0	0	0	0	0	1	2	4	5	11	65	98	119	183	182	107	9	4	3	2	1	33
21	1	1	1	3	3	2	0	6	1	93	111	59	6	3	3	2	2	1	1	0	0	0	0	0	12
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
23	0	0	0	1	0	1	0	0	0	0	0	0	0	0	5	91	31	3	2	1	7	3	17	48	9
24	9	10	1	2	3	0	0	0	0	0	0	0	1	1	2	2	2	2	1	1	1	0	0	0	2
25	0	1	1	0	0	0	1	0	0	0	0	0	1	4	3	1	1	1	1	1	1	1	0	1	1
26	9	13	16	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	20	11	3	4
27	4	5	6	5	4	2	6	2	3	4	10	1	2	4	2	4	3	8	6	0	0	0	0	3	4
28	10	30	74	23	1	1	3	1	1	70	94	114	80	98	30	59	60	128	101	18	9	6	1	1	42
29	2	1	1	0	0	1	1	1	1	1	1	3	8	70	51	33	1	2	1	0	0	1	0	1	8
30	1	2	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	4	8	1
31	39	12	10	8	7	8	3	1	1	0	0	0	12	15	9	6	18	8	1	1	35	10	4	0	9
MEAN	11	10	12	10	4	5	5	7	11	19	21	23	19	25	21	23	25	31	25	16	15	15	10	11	15.5

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. DRYDEN MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	0	0	0	4	61	58	8	7	4	6	2	1	0	0	0	0	0	1	6
2	6	0	0	0	0	3	6	20	70	82	6	4	****	****	2	9	5	3	7	3	1	1	1	0	10
3	0	0	0	0	0	0	0	1	1	1	1	2	0	1	2	2	2	3	2	2	2	1	1	0	1
4	0	0	0	0	0	0	0	0	0	0	0	3	7	14	1	1	1	0	0	0	0	8	15	7	2
5	14	26	21	22	13	9	10	0	1	1	1	1	0	0	0	13	1	1	3	1	3	2	1	0	6
6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	0	0	40	75	5
7	8	14	21	20	3	1	3	5	2	1	1	1	1	1	2	1	2	2	3	2	9	13	12	16	6
8	17	19	12	7	17	6	0	0	0	0	0	0	17	9	0	1	3	1	1	4	1	2	1	0.	5
9	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2	1	1	0	0	0	1	1	0
10	11	30	23	16	3	9	16	2	0	0	0	0	0	0	0	0	0	0	0	0	2	7	6	5	5
11	8	12	4	5	4	6	8	2	2	48	28	55	62	29	54	62	71	9	2	0	0	0	0	0	20
12	0	0	0	1	0	0	0	0	0	0	0	0	1	6	9	10	12	15	7	10	8	24	25	6	6
13	24	10	5	68	26	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	13	10	13	7
14	7	5	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	10	13	4	2	2
15	8	11	8	13	8	3	4	2	0	0	0	1	3	0	14	2	1	0	0	0	0	0	14	0	4
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
17	0	0	0	0	3	0	0	0	0	0	0	0	0	0	1	2	4	6	3	8	0	11	10	17	3
18	19	37	21	15	10	3	14	3	1	4	1	2	2	1	0	0	0	2	0	1	34	5	4	17	8
19	12	5	24	13	14	23	5	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4	13	44	7
20	33	18	17	14	23	13	6	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	5
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	2	1	4	2	6	8	9	5	4	55	41	15	12	20	8
25	9	7	9	0	15	1	0	0	0	0	0	0	0	13	15	4	5	7	2	7	2	3	0	0	4
26	0	0	0	0	11	26	14	9	3	3	5	9	8	12	10	13	14	28	19	10	20	9	10	2	10
27	7	3	11	7	4	3	2	1	0	0	0	0	0	0	3	4	9	4	1	1	1	0	0	0	3
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	29	16	10	2	3	0	0	0	0	3
29	0	0	3	42	42	35	13	10	3	2	1	2	5	3	0	0	0	0	0	0	5	7	0	0	7
30	0	38	20	19	8	19	20	9	1	0	0	4	18	7	2	2	1	1	0	1	1	1	0	0	7
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	6	8	6	8	7	5	4	2	3	5	3	5	5	4	4	6	5	3	2	4	5	4	6	7	4.8

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. DRYDEN MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	0	0	0	0	7	60	21	59	61	44	30	9	23	25	32	39	31	8	19
2	16	9	4	10	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	3	******
3	1	5	5	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	1	1	1	2	1	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*****	0	0	0	0	1	1	2	0	0	0
6	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
MEAN	3	2	2	3	1	0	0	0.	0	0	2	15	6	15	21	11	8	3	6	7	8	8	6	2	4.7

PERCENTAGE OF DATA VALID - 15.6 PERCENTAGE OF DATA INVALID - 84.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. ORYOEN MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	B	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- OATA INVALIO -													
7	****	****	0	0	0	7	14	2	B	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8	0	0	0	0	6	2	4	1	1	0	1	3	1	1	2	3	4	5	12	15	4	6	7	9	4
9	13	2	0	1	6	1	1	3	5	1	0	1	1	0	1	6	2	0	0	0	22	56	14	12	6
10	7	11	1	12	7	4	6	6	7	2	5	1	1	2	2	0	0	0	0	0	0	0	0	0	3
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0
12	0	1	1	2	24	5B	12	7	0	0	7	1B	54	23	3	11	1	0	7	12	3	3	0	0	10
13	14	44	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	2	2	0	0	3
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	10	7	B	4	11	2	0	2
15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1	2	1	1	0	0	0	0	0
16	0	0	0	0	0	1	0	0	0	1	1	2	8	10	33	49	56	112	60	19	43	43	27	61	22
17	B	18	4	1	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****
1B												- OATA INVALID -													
19	0	0	0	0	0	0	0	0	0	1	3	4	7B	65	9	4	2	2	1	1	1	1	1	2	7
20	3	1	0	3	3	3	1	4	1	2	2	3	3	3	2	7	19	16	22	17	5	10	12	0	6
21	21	6	4	0	0	0	15	6	11	12	0	0	0	0	0	0	7	5	0	B	21	14	16	3	6
22	6	10	2	1	0	0	1	2	2	0	0	0	0	0	****	0	0	1	4	B	4	6	3	13	3
23	10	12	13	9	3	B	5	4	2	4	0	0	0	0	0	0	0	0	1	1	1	3	12	1	4
24	0	0	0	1	5	4	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	3	10	6	3	0	4	0	0	0	1	1	****	0	0	0	0	11	51	24	9	9	6
30	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	4	5	1	1	3	4	3	2	2	1	1	1	6	5	3	4	4	7	5	5	7	B	5	5	3.8

PERCENTAGE OF DATA VALID - 74.6 PERCENTAGE OF DATA INVALID - 6.4 PERCENTAGE OF OATA UNAVAILABLE - 19.0

NOTES 1. "****" INDICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 61026 56 KING ST. ORYDEN MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	B	9	10	11	12	13	14	15	16	17	1B	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	7	14	9	11	6	14	11	4	7	0	0	0	0	0	0	0	0	3
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	22	82	8	4	4	40	58	77	73	43	3	3	3	2	0	0	3	3	2	1	18
4	1	3	2	93	32	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	******
5												- OATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
B												- OATA INVALIO -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- OATA INVALID -													
12												- OATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALIO -													
16												- DATA INVALID -													
17												- OATA INVALIO -													
1B												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALIO -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- OATA INVALIO -													
2B												- OATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	0	1	1	23	14	21	2	3	5	12	17	21	22	14	2	3	1	1	0	0	1	1	1	0	7.5

PERCENTAGE OF DATA VALID - 11.6 PERCENTAGE OF DATA INVALID - 88.4 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCE5 BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-G.SEOU5 UNITS - PARTS/BILLION

STATION - NW NO 61026 S6 KING ST. DRYDEN

MONTH	NO OF DAY5	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR	18	4.4	17	91
APR	30	5.6	28	144
MAY	31	11.9	74	236
JUN	30	12.4	51	233
JUL	31	15.S	109	184
AUG	31	4.8	20	82
5EP	4	4.7	19	61
OCT		DATA UNAVAILABLE		
NOV	22	3.8	22	112
DEC	3	7.S	18	93
YEAR	200	8.7	109	236

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DI5TRIBUTION FOR 1979

POLLUTANT - TOTAL REDUCED 5ULPHUR-GASEOU5 UNITS - PARTS/BILLION

STATION - NW NO 61026 S6 KING ST. DRYDEN

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TOS00	S01&OVER	TOTAL
JAN	DATA UNAVAILABLE								
FEB	DATA UNAVAILABLE								
MAR	367	17	4	S	6	0	0	0	399
APR	608	44	19	24	10	3	0	0	708
MAY	S98	47	1S	19	23	33	0	0	73S
JUN	541	64	20	48	28	18	0	0	719
JUL	S82	37	4	34	39	42	0	0	738
AUG	636	64	14	16	12	0	0	0	742
SEP	100	1	3	5	3	0	0	0	112
OCT	DATA UNAVAILABLE								
NOV	484	30	8	S	9	1	0	0	S37
DEC	73	4	1	3	S	0	0	0	86
YEAR	3989	308	88	1S9	13S	97	0	0	4776

FREQUENCY DI5TRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT SO	70	90	9S	98	99	MAX	ARITH MEAN
72.4	0	0.0	0.0	0.1	3.2	20.1	47.9	100.7	123.4	236	8.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	9	19	32	24	23	14	2	4	2	2	6	10	4	0	0	0	4	10	****	6	3	3	3	8
2	11	3	1	1	4	4	1	1	1	1	4	4	0	0	0	0	0	0	4	4	0	0	2	1	2
3	0	0	0	4	3	2	3	2	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	****	****	3	0	0	2	3	0
5	4	4	22	6	7	15	7	13	10	****	4	0	77	12	6	11	92	61	59	72	93	27	20	4	27
6	10	11	7	11	0	0	0	0	16	18	10	0	0	0	0	0	7	6	5	5	3	2	2	2	5
7	0	0	9	11	7	13	9	0	0	0	0	0	0	0	0	0	0	0	7	6	5	3	5	10	4
8	****	****	9	39	20	52	6	13	15	39	7	4	1	0	0	0	0	0	0	0	0	0	0	0	9
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	2	1	4	1	0	0	0	0	0	0	0	6	7	5	7	18	2
11	8	40	31	15	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	4
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	2	11	7	12	1	3
13	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	1	5	0	0	2	0	0	0	1
15	0	0	6	1	1	1	17	13	11	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
16	0	0	5	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	9	0	8	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	1
18												-	OATA	INVALID	-										
19												-	OATA	INVALID	-										
20												-	OATA	INVALID	-										
21												-	OATA	INVALID	-										
22												-	OATA	INVALID	-										
23	****	****	****	****	****	****	****	****	****	****	****	-	0	****	0	0	0	1	15	17	8	11	8	6	******
24	0	8	6	19	41	37	17	18	23	8	0	2	5	2	0	0	0	0	1	2	17	26	8	4	10
25	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	1	1	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
30	3	0	0	1	0	10	20	25	7	0	5	10	2	0	0	0	0	0	0	0	0	0	0	0	3
31	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	0
MEAN	2	3	5	6	4	6	4	4	4	3	2	1	4	1	0	1	4	3	5	5	6	3	3	2	3.4

PERCENTAGE OF DATA VALID - 79.2 PERCENTAGE OF DATA INVALID - 20.7 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	13	30	13	15	26	34	0	0	0	0	17	29	33	14	18	48	102	197	160	188	137	120	124	55
2	172	71	37	14	107	99	102	21	22	0	0	5	1	0	0	0	0	0	0	0	3	0	9	10	28
3	16	7	0	0	8	2	6	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	4	5	1
5	13	15	43	32	17	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	6
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	3	2	6	3	13	12	25	77	28	29	19	28	10
9	10	14	5	7	7	6	2	0	0	****	****	****	****	0	0	0	5	6	0	16	11	33	13	17	8
10	21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	1	9	****	****	****	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	57	34	8	11	34	29	85	99	15	0	8	10	26	64	77	23
19	43	52	19	27	2	2	0	0	2	25	36	43	21	15	9	16	****	****	66	104	117	173	138	59	44
20	52	58	81	16	12	4	3	4	102	13	28	12	1	0	0	0	0	1	2	2	2	1	0	0	16
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	1	4	2	4	2	1	1	1	1	1	1	0	0	0	0	0	****	1
24												-	OATA	INVALID	-										
25												-	OATA	INVALID	-										
26	****	****	****	****	****	****	****	****	****	****	1	13	13	17	31	3	0	0	0	0	15	10	16	0	******
27	0	0	0	0	0	19	9	40	105	48	6	1	0	1	0	0	0	2	2	3	2	0	0	0	10
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	13	9	9	4	7	7	7	3	10	6	5	4	3	4	4	5	7	6	12	14	15	16	15	13	8.3

PERCENTAGE OF DATA VALID - 88.4 PERCENTAGE OF DATA INVALID - 11.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	3	19	49	6	8	0	0	6	1	4	1	0	0	0	31	113	78	105	18
6	65	0	15	12	55	****	****	8	3	0	0	0	3	3	0	0	1	0	1	1	1	1	0	0	8
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	******
9	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	6	3	8	15	14	2
11	****	6	1	5	4	3	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12	11	2	6	0	4	2	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
15	3	18	22	16	40	17	49	40	25	23	22	9	8	6	10	2	4	28	30	19	29	31	****	****	21
16	****	7	3	0	0	0	0	0	0	****	****	0	0	0	6	22	6	1	4	1	22	40	36	13	8
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	9	0	0	0	1
20	0	0	0	0	0	0	0	3	13	3	2	0	0	6	3	10	10	6	9	8	17	21	6	6	5
21	2	****	****	36	19	22	35	17	37	18	18	5	4	15	7	2	1	3	6	0	13	13	11	15	14
22	12	15	6	6	0	19	****	17	22	5	11	15	6	4	0	0	0	0	0	0	0	0	2	1	6
23	0	0	8	10	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	******
27	****	****	****	****	****	****	****	****	****	****	****	****	6	3	9	7	0	0	12	15	45	10	18	11	******
28	3	0	0	0	0	0	0	0	0	0	0	6	6	4	0	0	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4	1	3	0	8	0	0	0	0	1
31	0	0	6	****	****	21	9	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	2
MEAN	4	2	2	3	4	3	4	4	5	2	3	1	1	2	1	2	1	2	2	2	6	8	6	6	3.1

PERCENTAGE OF DATA VALID - 93.4 PERCENTAGE OF DATA INVALID - 6.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
2	0	0	0	0	0	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	4	3	0	0	0	0	0	2	3	3	4	1	3	2	1	0	0	3	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	17	3	6	10	39	30	10	27	31	0	0	0	0	0	7
5	4	4	7	8	9	4	1	1	1	****	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
6	0	0	0	0	0	0	0	0	0	0	1	1	3	0	3	4	3	1	1	1	1	1	1	1	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	105	82	0	0	0	0	0	8
14	0	20	0	0	50	69	65	3	****	3	8	13	18	10	8	16	10	6	5	4	3	3	3	3	14
15	3	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	4	0	0	3	8	1
16	4	3	2	0	0	0	0	0	0	0	6	11	0	4	0	0	0	0	0	0	0	0	0	0	1
17	4	4	6	7	7	20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	2	1	1	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	3	0	0	0	0	11	37	35	33	0	0	0	0	****	0	0	0	0	0	0	0	5	5	6
21	3	3	1	1	20	29	9	0	1	3	8	12	8	13	9	8	25	44	38	39	222	111	72	45	30
22	33	46	44	34	39	44	14	7	0	0	0	0	3	1	1	1	1	1	3	2	2	9	38	64	16
23	14	32	5	0	9	27	6	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	5	4	3	3	8	10	13	25	3
25	56	10	18	5	0	0	0	0	0	0	0	0	0	0	0	3	1	1	1	1	1	1	3	0	4
26	3	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	10	17	10	14	5	10	3
27	5	1	1	10	9	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	2
28	55	142	63	3	2	2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
29	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
30	11	10	0	0	0	0	0	10	19	11	5	0	3	5	14	13	27	6	23	6	0	0	3	1	7
MEAN	7	9	5	2	5	7	4	3	2	2	2	2	2	2	3	3	3	7	7	3	8	5	5	6	4.2

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	3	9	5	7	42	34	3	19	16	32	8	0	0	0	0	0	0	0	7
2	0	0	2	1	3	3	22	8	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	1	0	0	0	0	0	0	1	6	7	5	1	2	1	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	3	2	16	7	46	16	11	30	5	0	0	88	32	71	14
8	40	43	26	39	16	66	11	9	8	13	7	9	7	10	9	6	0	0	0	0	0	0	0	0	13
9	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	2	7	7	9	5	5	19	14	15	12	9	5	18	11	8	2	1	3	0	0	2	2	0	2	7
12	4	5	15	6	7	9	5	4	5	26	18	7	7	9	9	24	13	12	9	55	155	2	54	85	23
13	11	3	3	1	7	6	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	3	24	3
14	17	3	2	4	2	0	0	0	0	0	****	****	****	0	0	0	0	0	3	0	0	0	8	6	2
15	1	0	15	4	22	15	9	0	0	1	0	0	0	2	3	0	4	5	3	0	1	0	0	0	4
16	0	0	0	0	0	0	3	6	4	18	35	9	9	10	17	21	17	12	8	12	8	10	7	19	9
17	15	9	6	8	4	17	42	8	6	6	6	1	2	6	12	4	37	7	6	7	49	11	16	8	12
18	9	16	7	14	8	11	10	8	1	3	6	4	10	3	3	0	0	0	0	0	0	0	0	0	5
19	0	0	3	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0
21	1	0	0	0	1	16	2	46	10	6	10	0	0	0	0	0	0	0	0	0	0	0	0	0	4
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	24	1
23	19	21	8	18	4	35	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
24	0	22	24	61	26	9	5	6	15	3	0	0	0	0	0	0	0	3	0	0	0	0	7	7	8
25	6	28	11	36	95	159	110	120	75	26	33	26	26	30	47	27	45	38	48	177	66	28	12	78	56
26	70	21	19	3	0	0	0	0	0	6	11	9	6	0	****	****	7	3	1	10	23	20	8	6	10
27	0	3	3	4	6	23	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	49	6
28	10	15	17	24	62	41	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
29	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	21	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	11	7	5	0	0	0	0	0	0	0	0	0	1
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	6	0	0	0	0	1
MEAN	7	6	5	8	9	13	8	8	5	4	6	4	4	4	6	5	5	4	4	9	10	5	7	12	6.6

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	32	36	46	22	35	25	9	1	10	25	25	22	10	14	7	4	0	0	16	9	19	90	19
2	104	139	78	40	4	8	14	11	9	8	5	8	1	4	0	0	0	0	0	0	3	53	55	54	25
3	93	13	25	127	81	72	65	65	28	133	27	49	24	10	34	11	4	0	0	0	4	22	20	26	39
4	8	3	0	0	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	1	3	18	27	****	4	5	1	1	3	0	0	0	0	0	0	0	3
6	0	0	10	3	0	0	0	3	9	28	37	5	1	6	4	12	6	10	10	43	39	50	89	110	20
7	58	64	37	2	13	62	23	2	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	11
8	0	0	1	10	8	1	0	0	0	0	0	3	1	0	0	0	0	0	0	0	20	4	13	51	5
9	29	22	18	11	34	25	0	0	0	0	1	1	0	0	0	0	0	1	5	6	0	0	1	1	6
10	3	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	8	0	3	1	0	0	0	0	0	****	****	1	5	27	0	1	3	2	2
12	5	18	1	5	6	13	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
13	34	26	3	0	8	20	40	46	36	6	8	3	10	25	28	34	37	21	11	15	19	32	50	73	24
14	71	86	51	37	84	34	29	7	8	69	88	37	0	3	14	0	0	0	0	1	1	4	4	6	26
15	0	1	0	0	0	0	0	0	3	4	0	1	0	0	0	0	0	0	0	0	5	3	24	26	3
16	0	0	0	44	75	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	7
17	38	28	1	13	113	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	35	25	12
18	58	63	0	0	0	1	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
19	0	0	0	0	0	0	0	0	0	0	0	41	10	0	0	0	0	0	0	0	0	0	0	0	2
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	4	6	1
21	1	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	******
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25	****	****	****	****	****	****	****	****	****	33	36	14	8	18	20	24	17	36	56	36	46	44	73	65	******
26	114	19	0	10	82	18	8	5	1	0	0	0	0	0	0	0	0	0	0	10	1	1	0	4	11
27	0	0	3	1	19	0	6	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	5	2
28	25	91	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	13	31	8
29	1	0	3	37	27	72	9	1	0	0	0	0	0	0	0	0	0	0	4	15	11	0	2	6	8
30	43	18	14	30	10	5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
MEAN	26	23	12	16	24	16	10	6	4	11	9	7	3	4	4	4	3	3	4	6	6	9	16	23	10.4

PERCENTAGE OF DATA VALID - 86.8 PERCENTAGE OF DATA INVALID - 13.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	****	0	0	****	****	****	****	0	0
4	0	0	6	3	0	0	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	19	2
5	27	2	8	5	3	73	22	13	6	3	1	0	2	3	3	0	0	6	4	0	22	6	23	6	10
6	12	17	30	4	17	44	15	6	6	11	28	12	35	15	17	44	26	67	68	67	76	127	179	198	47
7	254	148	77	106	42	42	36	19	7	3	13	25	15	33	33	39	45	30	28	14	25	37	2	0	45
8	0	10	13	0	0	0	0	0	4	25	10	0	2	2	0	0	0	0	0	0	0	0	0	0	3
9	6	103	58	42	12	32	38	26	29	36	29	14	22	5	9	83	5	52	83	91	17	26	8	0	34
10	2	0	2	35	5	6	9	5	3	4	2	0	2	0	0	0	2	0	0	0	8	16	13	26	6
11	32	23	36	23	39	33	36	21	30	17	17	13	10	6	0	0	13	27	44	16	115	179	12	98	35
12	69	44	100	86	32	5	16	31	25	25	55	40	10	16	9	6	13	19	10	2	0	3	5	4	26
13	3	31	37	75	65	5	10	5	3	0	0	3	4	0	3	15	2	2	5	2	6	19	19	27	14
14	21	21	20	27	13	17	12	16	16	15	13	10	8	7	8	6	4	0	0	19	13	17	23	23	14
15	16	3	12	17	11	13	10	0	0	0	0	0	0	2	2	3	2	2	2	0	0	0	0	2	4
16	6	2	0	9	4	4	3	0	0	4	9	5	0	0	0	0	0	0	0	0	0	21	27	33	5
17	39	13	10	14	21	12	12	17	10	3	12	2	2	2	4	5	2	2	2	18	21	46	81	60	17
18	38	9	44	51	19	24	21	15	15	14	15	21	21	24	22	6	0	44	40	34	14	91	60	21	28
19	16	30	20	18	7	5	4	11	2	0	2	3	12	3	6	0	0	0	0	6	20	20	54	39	12
20	58	110	91	104	55	17	64	52	46	43	39	21	75	12	10	7	11	48	69	143	104	101	150	179	67
21	191	143	142	102	121	68	28	21	29	10	20	15	8	15	12	16	6	2	4	****	0	0	0	0	41
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	2	2	0	0	2	16	13	7	11	28	17	32	54	56	10	21	0	0	0	6	11	3	3	2	12
24	0	0	0	2	6	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	0	3	3	2	6	0	3	12	43	25	3	2	18	31	6	13	10	47	2	2	0	10
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	10	1
27	16	3	0	3	26	3	6	4	0	0	0	0	0	0	0	0	0	0	0	11	33	92	52	41	12
28	30	25	38	25	25	43	49	18	21	9	10	17	9	13	8	4	6	16	12	28	82	117	62	48	30
29	94	175	71	151	54	64	62	33	39	27	23	14	25	29	6	39	23	45	0	0	0	0	0	0	41
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	****	0	0	0	3	40	21	12	4
MEAN	30	29	26	29	19	17	15	11	10	10	11	9	11	8	5	10	7	12	12	16	21	32	27	27	16.9

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	126	24	71	58	117	140	62	21	6	13	7	13	24	27	10	25	11	29	25	39	75	67	79	51	47
2	29	10	72	92	102	38	28	11	22	20	2	2	5	10	4	0	0	0	0	0	0	0	0	0	19
3	0	0	0	0	0	2	0	0	0	0	0	39	25	14	3	9	0	0	3	3	5	8	3	3	5
4	6	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	8	13	17	22	23	22	37	7
5	16	14	34	45	25	0	0	0	0	0	0	0	0	0	0	0	6	12	25	21	4	0	0	0	8
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	40	55	20	7	10	3	12	0	6
7	1	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	12	2	4	0	40	7	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
9	0	0	0	0	0	2	2	4	49	98	56	10	21	40	45	137	5	3	2	0	0	0	0	0	20
10	0	0	5	17	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	0	0	1
11	2	6	6	6	3	2	4	2	8	6	6	7	13	5	6	21	24	11	15	56	33	23	28	52	14
12	45	20	42	37	48	48	60	74	202	83	100	37	129	85	71	117	50	78	29	30	33	7	0	0	59
13	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	4	5	2	0	0	2	0	4	1
14	0	0	0	0	6	9	0	2	2	0	0	0	0	0	0	0	0	6	10	14	17	20	21	23	5
15	76	98	84	86	102	104	81	54	3	10	23	22	19	44	35	44	111	46	20	33	29	25	21	29	50
16	28	94	83	19	12	0	0	6	50	45	38	37	44	69	21	37	34	17	25	21	14	12	9	6	30
17	0	0	0	11	20	2	3	7	26	29	5	17	14	0	3	3	8	0	0	20	46	91	114	25	19
18	10	0	0	0	0	0	0	5	1	4	0	0	0	0	0	2	5	0	0	5	13	41	19	11	5
19	23	24	18	11	3	0	9	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	4	4	5	30	21	0	0	0	0	0	0	0	3
22	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
23	0	0	0	0	4	2	6	5	2	2	2	4	0	0	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	29	57	31	5
25	44	64	30	18	0	0	0	0	2	0	0	0	0	3	0	0	0	3	10	6	0	0	0	7	8
26	13	15	3	3	70	21	56	31	38	21	2	48	85	54	56	13	89	81	75	102	216	67	40	60	52
27	28	22	20	83	24	0	0	8	9	16	18	21	14	13	17	10	10	19	51	40	35	19	63	87	26
28	2	6	0	0	0	0	0	0	0	2	10	17	21	****	****	****	****	****	****	****	****	****	****	****	******
29	****	****	****	****	****	****	****	****	****	****	6	6	0	0	0	0	0	0	0	0	0	0	0	0	******
30	6	7	2	0	6	33	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
31	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	20	1
MEAN	16	14	16	16	19	14	11	8	14	12	9	9	13	12	9	15	14	13	11	14	19	15	16	15	13.6

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 3.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	28	5	27	11	9	46	54	64	75	59	24	119	179	34	18	23	16	9	3	9	11	5	5	36
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	6	0	0	0	4	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	3	3	0	11	1
5	11	4	0	4	14	10	2	7	4	4	2	2	0	0	0	0	3	6	2	5	10	7	0	0	4
6	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	6	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	0	0	0
8	6	6	7	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9	9	0	2	0	0	2	0	0	0	0	0	0	****	****	****	****	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	1	9	8	4	2	3	0	0	0	0	0	8	6	30	49	5
12	13	25	39	125	26	64	14	50	39	34	19	6	4	4	6	12	4	3	0	0	4	34	93	43	28
13	31	28	21	43	37	14	7	4	0	0	0	0	3	4	0	2	0	0	0	0	0	0	0	0	8
14	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	14	12	19	69	108	50	39	14	4	15
15	11	8	30	17	30	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	5	4	3	13	5
16	30	51	53	184	281	106	152	138	297	49	44	51	161	185	33	119	50	87	47	52	34	85	17	40	98
17	69	58	99	165	251	36	46	32	147	24	25	5	9	8	2	1	0	0	0	0	0	0	0	0	41
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	2	0	14	31	45	130	142	296	25	40	25	67	103	20	83	158	96	86	25	51	76	152	25	3	71
20	2	2	0	0	0	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
21	0	1	0	2	0	38	52	36	17	11	13	8	0	0	0	0	0	3	9	10	12	15	14	9	10
22	4	7	8	8	4	4	8	0	0	0	47	15	6	9	8	2	14	22	0	0	0	0	0	0	7
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	3	0	1	3	39	2
24	180	128	19	11	18	5	0	0	0	0	0	0	0	0	0	0	0	0	16	71	114	97	29	30	30
25	14	3	1	3	9	17	11	0	0	9	0	0	0	0	0	0	0	0	3	4	5	3	7	4	4
26	6	6	24	11	14	0	3	0	0	0	0	0	0	0	0	0	0	0	****	0	8	86	0	0	7
27	0	0	0	0	0	0	0	****	****	****	****	****	****	****	78	55	54	0	0	2	4	0	0	0	11
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	19	12	20	44	41	19	14	10	7	9	7	2	2	0	0	0	9	20	0	0	10
30	0	0	1	15	50	14	4	14	7	10	23	91	125	46	36	22	0	0	0	0	0	2	83	11	23
MEAN	14	12	11	22	27	16	17	23	23	10	10	10	19	18	11	14	9	8	6	10	12	19	11	9	14.2

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF DATA INVALID - 2.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	4	0	0	4	0	****	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	0	0	9	23	10	10	6	6	4	0	0	0	0	153	217	28	162	71	29
3	10	6	10	32	6	14	20	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	37	48	12	0	0	0	6	23	1	6
5	0	8	28	26	58	151	195	66	15	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	25
6	0	0	0	0	0	0	0	0	0	0	0	0	6	3	3	6	7	0	0	0	0	0	4	4	1
7	18	14	10	49	32	0	0	4	29	31	35	15	8	0	0	0	0	0	0	0	0	0	0	0	10
8	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	1
9	0	0	0	0	0	6	4	0	0	0	0	0	0	0	0	0	****	0	0	0	0	38	123	130	13
10	237	212	114	125	28	2	0	6	16	134	117	26	56	21	28	5	0	6	10	21	39	117	15	0	56
11	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	4	6	6	0	0	0	14	6	142	175	71	353	32
14	70	34	0	6	5	25	21	22	89	53	65	33	161	341	60	25	0	0	0	0	0	0	0	0	42
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
16	6	0	0	10	3	18	187	113	23	16	4	0	0	0	0	0	0	2	0	0	0	0	8	18	17
17	21	5	0	0	0	0	3	6	15	1	6	10	11	11	1	0	0	0	0	0	0	0	0	0	4
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	5	8	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	3	109	86	8	6	52	25	109	17	172	94	29	12	10	12	13	2	32
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3	0	3	7	1
24	7	0	6	9	13	8	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
25	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	29	8	2	1	****	1	1	1	0	0	0	4	0	0	0	0	0	2
28	0	0	3	0	0	4	3	8	4	0	0	8	8	8	8	6	5	3	0	0	0	0	0	0	3
29	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	29	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
MEAN	12	9	6	8	5	8	15	9	11	12	8	4	11	15	8	3	8	4	2	6	13	12	14	19	9.2

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	4	0	0	0	0	0	0	0	****	****	****	0	0	0	6	8	13	17	37	80	44	19	8	12
2	7	10	14	11	4	6	10	10	19	12	6	0	0	0	0	0	0	0	0	0	0	0	0	0	5
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9	87	116	78	192	15	21
4	102	179	93	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	16
5	50	21	28	17	0	9	5	0	0	0	0	0	0	0	0	0	6	****	****	****	****	****	****	****	8
6	****	****	****	****	****	****	****	****	****	6	7	10	7	9	11	10	15	23	25	23	17	82	77	44	******
7	93	163	301	271	287	148	163	58	49	28	12	30	33	40	5	6	0	6	7	4	0	0	6	5	71
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	18	2	17	1	4
9	1	19	23	17	32	15	30	12	0	0	0	0	0	0	0	0	0	0	2	13	1	8	0	4	7
10	1	8	44	33	196	21	7	0	14	25	35	40	15	49	10	21	29	0	0	0	0	0	6	3	23
11	3	0	0	0	0	0	0	0	3	2	1	0	13	6	2	12	122	128	10	21	82	34	11	4	19
12	0	0	0	0	0	2	11	83	25	10	18	24	10	17	11	15	20	12	30	41	96	55	189	104	32
13	48	81	210	64	48	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	64	65	48	21	27
14	295	29	81	100	131	45	60	118	51	69	65	33	155	139	86	39	106	21	13	14	10	0	0	0	69
15	13	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0	29	6	25	43	80	71	57	148	20
16	36	133	129	162	94	87	46	50	122	187	187	217	241	114	35	41	20	18	31	22	35	40	30	10	87
17	24	49	48	42	63	201	19	0	62	64	3	30	11	0	175	13	0	0	3	0	0	0	0	0	34
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	18	45	34	60	31	25	9	10	5	0	0	0	0	0	0	0	0	0	0	0	0	10
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	6	17	19	3	10	12	0	0	6	3
21	3	0	25	28	21	4	26	9	9	14	0	0	0	0	0	0	0	0	0	0	0	0	9	33	8
22	29	14	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
23	0	0	7	12	0	0	9	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
24	0	0	0	0	14	28	18	45	42	49	49	9	49	142	58	28	37	26	53	50	95	29	62	103	41
25	76	95	153	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
26	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
28	0	0	0	0	0	0	1	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
29	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	7	0	1
MEAN	28	28	40	30	32	21	16	15	15	16	14	14	18	18	14	7	14	9	8	14	25	18	25	18	19.0

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 3.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	1	3	0	10	8	28	139	49	126	78	84	224	68	34
2	84	26	27	99	34	24	15	21	24	74	84	90	81	61	19	44	14	13	10	19	43	38	58	48	44
3	37	47	67	67	28	14	5	12	6	0	3	2	4	0	0	0	0	0	0	0	0	0	0	8	13
4	8	4	10	9	79	92	76	49	20	23	26	17	12	5	0	0	0	0	0	0	0	16	44	98	25
5	85	14	2	0	0	0	0	0	0	0	0	0	-	-	****	****	0	0	0	0	0	8	10	6	6
6	29	62	123	12	3	0	7	36	22	****	****	44	12	8	21	12	0	0	0	0	0	0	0	0	18
7	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	13	27	29	26	70	84	130	12	44	53	17	76	13	12	16	7	0	0	0	0	0	0	26
9	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	6	1	0	2	7	5	2	0	0	0	0	1
11	0	0	0	0	0	0	0	2	3	0	0	0	0	****	****	****	2	2	6	6	0	0	0	0	1
12	0	0	17	23	40	10	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
13	0	0	0	0	0	0	18	166	42	13	1	3	0	0	0	0	0	0	0	0	11	28	14	25	13
14	21	37	74	52	10	0	0	0	0	0	0	0	0	0	0	0	0	0	6	23	28	39	75	147	21
15	30	7	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
16	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	12	12	19	38	13	12	3	10	******
17	10	18	25	17	36	65	33	27	3	42	10	71	3	2	0	0	0	0	0	0	0	0	0	0	15
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	29	43	162	98	5	0	0	0	14
19	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	0	0	0	8	13	1
20	34	53	34	36	63	44	11	8	33	56	16	32	29	30	13	3	0	6	13	0	0	0	0	0	21
21	0	2	0	0	0	0	0	0	0	0	3	0	14	38	2	8	33	15	26	46	13	0	0	0	8
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	2	3	0	0	0	0	0	0	0	0	0	4	2	2	10	6	1	2	1	1	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	3	36	4	17	4	36	32	55	72	18	21	31	7	8	18	15
28	6	9	12	9	4	4	41	21	60	68	21	28	6	3	0	1	10	14	7	14	25	60	31	88	23
29	40	32	116	37	13	14	8	16	36	44	13	10	3	7	5	4	0	20	5	10	16	55	42	44	25
30	8	13	15	40	79	42	115	198	55	80	41	22	7	42	41	32	25	59	15	9	16	10	13	0	41
31	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	13	11	18	14	13	11	14	21	14	14	10	13	7	10	6	6	7	13	11	13	9	12	17	18	12.5

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	3.4	27	93
FEB	25	8.3	55	197
MAR	28	3.1	21	113
APR	30	4.2	30	222
MAY	31	6.6	56	177
JUN	25	10.4	39	139
JUL	31	16.9	67	254
AUG	29	13.6	59	216
SEP	30	14.2	98	297
OCT	31	9.2	56	353
NOV	29	19.0	87	301
DEC	30	12.5	44	224
YEAR	344	10.2	98	353

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62030 PORTAGE/CHURCH ST FORT FRANCES

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	534	33	7	8	7	0	0	0	589
FEB	498	35	9	22	14	16	0	0	594
MAR	632	33	10	15	3	2	0	0	695
APR	657	22	6	20	8	4	0	0	717
MAY	620	49	21	26	14	5	0	0	735
JUN	480	35	27	45	31	7	0	0	625
JUL	453	94	49	70	43	24	0	0	733
AUG	507	54	38	57	47	14	0	0	717
SEP	532	49	16	45	31	26	0	0	699
OCT	640	21	13	19	13	22	2	0	730
NOV	487	50	22	60	39	36	1	0	695
DEC	525	59	24	61	43	11	0	0	723
YEAR	6565	534	242	448	293	167	3	0	8252

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
94.2	0	0.0	0.0	0.0	3.5	29.6	55.4	101.5	139.5	353	10.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W, FORT FRANCES MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	****	****	0	0	0	****	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	2	0
6	1	0	0	0	0	3	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1	1	0	0	1
7	1	0	1	1	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
8	0	0	0	4	****	1	0	0	2	1	0	1	0	1	0	0	3	1	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
10	0	0	0	0	0	1	0	2	2	2	0	2	0	0	0	0	2	1	2	0	0	0	0	0	1
11	0	0	0	0	0	4	3	4	8	6	2	3	1	1	1	0	0	3	1	3	2	1	1	1	2
12	0	1	0	2	0	1	2	4	3	0	0	4	5	2	0	0	3	4	7	4	1	1	1	1	2
13	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0
16	0	0	0	0	0	0	10	1	3	4	2	2	1	1	0	0	0	1	0	0	0	0	0	0	1
17	0	0	0	0	2	1	0	1	7	4	3	2	1	1	7	2	4	5	3	4	9	9	43	30	6
18	28	14	13	7	7	6	6	9	17	51	12	22	17	13	24	27	33	33	10	18	8	22	7	28	18
19	25	8	5	15	9	5	21	3	10	7	6	11	3	0	0	2	1	2	7	7	14	3	14	0	7
20	1	1	3	0	1	1	7	0	1	2	4	0	2	0	0	0	0	2	3	0	0	0	0	0	1
21	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	11	8	4	10	2	2	1	2	2	1	2	4	6	1	0	2	1	0	2	3
23	9	10	9	0	0	1	3	2	5	3	3	0	0	3	1	1	4	2	1	1	1	2	****	****	3
24	****	****	****	****	****	****	****	****	****	****	****	6	7	4	2	0	0	3	1	11	28	22	4	2	******
25	2	5	0	1	0	0	1	1	11	1	4	2	2	1	2	0	2	****	****	22	43	8	5	15	6
26	7	2	7	2	2	1	1	2	4	1	5	2	1	0	0	2	3	0	2	0	0	0	0	0	2
27	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	1	1	0	0	0	0	0
28	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
29	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0
30	1	0	1	0	0	0	0	0	2	0	3	2	0	0	0	0	1	1	0	0	0	0	0	0	0
31	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	3	1	1	1	1	1	2	1	3	3	2	2	1	1	1	1	2	2	2	2	4	2	3	3	1.9

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 3.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W, FORT FRANCES MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	****	****	****	****	****	****	****	****	****	****	****	1	1	1	0	1	1	1	1	0	1	0	******
2	0	0	0	0	0	0	0	0	1	1	2	3	0	0	0	0	2	0	1	2	0	0	0	0	1
3	0	0	0	0	1	1	2	1	8	3	3	0	0	0	2	0	1	0	0	0	0	0	2	0	1
4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
5	0	0	0	2	5	11	2	6	5	3	5	****	-	-	-	****	****	****	****	****	****	****	****	****	******
6	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	2	1	3	1	1	2	2	******
7	0	2	4	4	2	0	4	6	6	2	0	0	0	1	2	3	2	2	0	2	2	0	0	0	2
8	0	0	6	3	2	4	9	2	4	2	0	0	5	2	0	0	0	0	0	0	0	0	0	0	2
9	0	0	0	0	0	0	0	0	****	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA INVALID -													
MEAN	0	0	1	1	1	2	2	2	4	2	2	1	1	1	1	1	1	1	1	1	1	0	1	0	1.1

PERCENTAGE OF DATA VALID - 24.4 PERCENTAGE OF DATA INVALID - 6.4 PERCENTAGE OF DATA UNAVAILABLE - 69.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W, FORT FRANCES MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	0	5	10	2	22	12	17	7	15	8	0	7	6	8	0	2	8
2	0	0	0	23	1	4	4	6	3	6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	3	0	0	0	0	1	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0
4	0	0	2	2	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	2	18	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1
7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0
8	0	7	8	0	4	0	0	8	****	17	10	51	28	5	1	0	0	0	0	0	0	0	0	0	6
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	10	2	9	6	14	68	69	****	2	7	9	10	9	8	7	7	7	11
13	17	6	2	1	1	0	0	0	0	0	2	4	4	4	2	2	0	0	0	0	0	0	0	0	2
14	0	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	1	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	2	9	32	18	19	5	14	57	18	37	10	20	14	2	0	1	8	5	6	4	3	2	5	12
17	13	35	31	38	38	21	12	32	31	21	18	18	13	17	16	10	7	9	0	0	4	31	32	28	20
18	15	6	1	9	12	10	2	5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
19	0	0	0	0	0	0	0	0	0	0	6	4	8	0	0	14	18	23	23	****	3	20	29	0	6
20	2	1	0	2	23	5	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	2
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0
22	****	****	****	****	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	2	5	4	5	2	2	2	2	2	3	5	9	8	32	46	44	40	9
24	32	23	20	19	16	12	2	0	1	1	1	2	11	2	1	1	0	1	0	2	5	0	0	0	6
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	2	0	0	0	0	0	0	0	0	1
26	2	4	6	7	9	8	4	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	2
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	15	10	0	0	0	0	0	0	1
28	2	7	6	3	1	0	0	0	0	0	0	0	0	0	0	0	1	0	6	4	4	5	13	26	3
29	0	5	1	3	0	0	1	12	1	3	2	1	1	3	6	5	12	1	2	2	13	12	0	2	4
30	0	0	0	1	0	1	3	1	3	4	6	2	1	0	0	0	0	0	0	0	0	0	0	0	1
31	0	0	0	0	2	38	12	2	3	6	14	2	2	0	0	0	0	0	1	2	26	9	0	10	5
MEAN	3	4	3	5	4	4	2	3	4	3	4	4	6	4	2	2	3	3	2	1	3	5	4	4	3.4

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W, FORT FRANCES MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	12	0	3	2	2	2	2	6	1	2	4	1	0	0	0	0	0	0	0	0	0	0	0	2
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
4	2	4	10	1	0	4	3	28	12	6	2	6	2	0	0	0	****	****	****	****	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	20	11	2
7	17	2	39	27	8	26	23	30	14	8	28	6	22	23	35	10	43	38	12	17	41	4	0	0	20
8	0	0	0	0	0	0	0	0	0	0	0	2	3	3	3	4	2	2	2	0	0	0	1	4	1
9	0	0	2	1	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	3	0	0	0	1	3	0	0	0	0	0	0	6	3	2	1	0	0	10	31	68	1	5
11	0	15	5	0	0	0	0	3	13	19	53	32	30	33	22	49	70	44	2	5	6	5	0	0	17
12	0	0	0	0	2	0	0	0	0	18	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	11	29	41	87	61	45	****	****	2	0	24	20	8	0	0	7	16	18	20	8	18
14	1	0	10	0	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0
16	0	0	0	0	0	0	0	0	1	8	3	0	0	0	0	0	0	0	0	4	0	0	0	0	1
17	3	6	12	5	3	3	7	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	33	3
18	9	2	9	30	2	38	5	9	5	3	11	5	5	13	14	10	7	2	1	0	7	2	0	5	8
19	30	29	5	5	0	0	2	1	2	18	9	10	15	8	10	5	8	6	31	13	2	3	1	11	9
20	0	5	11	7	3	7	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9	5	7	5	1
23	3	29	8	0	24	9	6	15	8	4	1	0	0	16	****	****	0	0	0	0	0	0	0	0	6
24	0	0	0	0	11	4	2	0	17	2	0	0	0	6	7	16	0	3	4	2	8	2	0	0	4
25	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0
27	0	0	0	1	0	0	0	0	2	1	1	1	1	0	0	0	2	4	8	8	0	1	9	15	2
28	3	2	14	39	15	47	25	13	2	1	0	0	0	0	0	0	1	0	0	3	3	3	16	28	9
29	16	14	4	14	12	14	14	8	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	6	4
30	3	3	11	2	7	6	3	4	0	3	15	5	3	0	0	2	2	0	0	0	0	0	0	0	3
MEAN	3	4	5	5	3	6	5	7	5	5	4	2	3	4	4	4	5	4	2	2	4	3	5	5	4.1

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W. FORT FRANCES MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	8	13	18	15	25	2	6	8	17	5	16	14	5	0	1	14	13	2	10	11	33	34	12
2	27	20	15	10	9	2	0	2	9	2	0	1	0	0	0	2	2	2	1	2	0	0	0	0	4
3	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	1	1	13	13	2	0	0	0	0	0	0	0	2	5	2	4	2
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	3	28	14	2
6	12	1	1	8	4	0	8	0	1	0	0	9	8	9	6	0	0	0	0	0	0	0	0	0	3
7	0	0	0	0	0	1	7	0	0	6	1	0	0	3	0	0	0	0	7	12	15	23	0	0	3
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	4	12	9	1
10	0	0	1	1	0	0	0	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	9	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0
15	0	****	****	****	****	0	4	0	0	0	1	0	0	0	0	0	0	0	0	4	4	21	16	22	4
16	14	56	61	31	7	51	0	1	12	14	1	0	3	1	0	0	0	0	0	0	3	0	0	0	11
17	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	1	****	****	****	****	0	0	0	0
20	0	0	0	0	0	0	2	3	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0
21	0	0	0	2	3	0	0	1	0	2	5	7	4	5	7	0	0	0	0	6	11	7	8	10	3
22	32	1	13	20	21	13	0	0	0	0	0	0	0	0	0	0	0	0	3	10	0	1	12	25	6
23	0	0	0	0	7	66	4	6	0	0	2	1	1	0	0	1	4	0	0	0	0	0	1	16	5
24	19	30	4	27	55	52	23	4	4	7	5	10	1	0	0	0	5	3	0	3	0	0	12	11	11
25	19	0	0	0	0	0	0	0	0	0	****	****	1	0	2	0	0	0	0	0	0	0	17	0	2
26	0	11	5	2	23	26	27	32	27	20	11	2	4	2	3	0	0	0	1	9	0	0	0	0	9
27	28	13	0	0	0	4	12	****	****	****	****	1	3	1	0	0	0	0	0	0	123	110	47	22	18
28	3	43	35	5	54	26	9	18	12	19	1	0	0	0	0	0	0	0	0	0	3	37	18	0	12
29	4	10	3	15	13	9	9	20	0	1	0	0	2	6	7	10	12	8	12	25	17	25	12	1	9
30	7	4	18	29	2	9	29	9	5	20	22	5	1	6	1	3	****	22	27	0	0	0	0	0	10
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	5	6	6	5	7	9	5	3	3	3	3	2	1	2	1	1	1	2	2	3	6	8	7	5	4.1

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W. FORT FRANCES MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	0	0	0	0	0	3	17	13	0	6	0	0	0	0	0	0	0	0	0	0	0	2
2	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	0	9	2	0	0	0	0	0	1	1	0	0	0	0	0	5	4	9	48	63	73	31	36	12
5	5	27	48	9	0	0	23	20	21	10	9	****	****	****	****	****	****	****	0	0	0	1	4	7	11
6	26	15	32	11	7	50	32	13	9	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	2	2	1	****	****	****	0	0	0	******
8	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	1	1	2	0	0	0	0
9	0	0	1	1	1	25	3	1	2	3	7	3	7	1	2	1	0	0	0	0	2	7	4	0	3
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0
11	2	1	1	1	1	1	1	3	2	0	0	0	0	0	0	0	0	0	0	0	1	0	1	7	1
12	5	3	8	11	6	7	35	13	2	0	4	0	0	0	0	0	0	0	0	2	4	3	35	42	8
13	0	3	5	2	2	3	2	2	2	12	2	5	8	0	0	0	1	1	1	3	1	1	1	1	2
14	0	0	0	0	0	0	0	10	7	0	0	0	5	1	3	10	13	1	0	1	9	9	7	3	3
15	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	60	2	1	0	1	7	0	1	3	****	****	****	9	9	2	2	3	16	30	33	4	2	4	9
17	1	13	3	15	2	9	15	1	0	0	0	0	0	1	****	****	0	0	0	4	30	5	0	2	5
18	0	0	1	9	5	31	12	11	1	9	7	5	7	2	1	7	3	1	0	1	8	2	3	1	5
19	1	1	10	12	33	1	3	18	2	3	2	3	10	1	1	0	****	****	10	11	6	1	4	6	6
20	4	16	7	1	3	0	5	6	6	0	8	1	3	1	0	0	0	0	10	5	0	0	0	0	3
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
22	1	1	0	1	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
23	10	2	0	4	9	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	12	8	2	2
24	16	4	0	0	0	0	0	****	0	0	0	4	0	0	0	3	0	0	1	0	1	1	1	1	1
25	0	8	19	4	9	7	0	1	1	1	1	1	0	0	0	0	1	3	1	2	2	1	1	1	3
26	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
27	0	0	0	0	0	0	2	2	3	4	2	0	0	0	****	0	0	0	0	1	4	0	7	55	3
28	0	0	0	****	****	1	46	2	0	0	0	3	0	0	0	0	1	0	1	0	14	0	0	0	3
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	3	1	3	0	0	0	1	0	1
30	0	28	63	8	10	12	39	0	0	0	0	1	0	0	1	****	1	1	1	2	8	12	12	2	9
MEAN	3	6	7	3	3	5	8	4	2	2	2	1	2	1	1	1	1	1	2	4	7	5	4	6	3.4

PERCENTAGE OF DATA VALID - 92.4 PERCENTAGE OF DATA INVALID - 7.6 PERCENTAGE OF DATA UNAVAILABLE - 0 0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W, FORT FRANCES MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	5	5	6	4	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
2	3	12	0	0	0	0	0	2	2	4	4	4	4	1	1	4	1	1	1	1	10	0	1	5	3
3	10	3	5	11	7	0	0	0	0	1	1	2	3	1	0	****	****	****	****	****	****	****	****	****	******
4												- DATA INVALID -													
5	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	2	40	2
8	19	0	1	5	14	16	24	8	7	0	0	2	1	1	4	2	1	1	1	1	10	8	1	16	6
9	1	47	16	9	9	7	5	5	4	1	1	0	0	1	1	2	5	2	1	1	1	1	1	5	5
10	1	2	5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	1	1	1	1
11	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	0	2	1	1	1
12	0	0	0	0	0	19	0	0	0	0	0	0	-	-	-	****	****	2	14	3	4	2	11	4	3
13	3	1	0	0	0	0	0	0	0	3	5	4	4	4	4	5	5	3	2	2	1	1	2	2	2
14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	5	1	1
16	0	0	0	1	1	0	7	2	2	3	3	2	3	2	1	1	2	2	1	1	1	1	1	1	2
17	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	0	0	0	0
18	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
19	****	****	****	****	****	****	0	0	0	0	0	0	0	1	1	3	1	1	1	1	2	1	0	0	1
20	0	0	0	0	0	1	1	1	1	1	1	2	0	0	0	0	0	1	1	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	1	****	****	****	****	0	0	0	1	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	1	2	4	6	10	9	0	1	7	12	5	12	27	14	49	7
23	22	0	24	15	7	0	1	1	6	0	1	0	0	0	0	0	24	6	3	1	0	0	0	0	5
24	0	0	0	0	0	0	1	2	3	4	5	1	1	1	1	2	2	6	0	0	11	37	1	9	4
25	10	9	3	3	10	6	3	3	3	4	8	0	1	1	1	4	1	0	0	0	0	0	1	1	3
26	5	1	0	0	0	1	4	1	0	0	0	0	1	1	0	0	1	0	0	0	0	1	0	0	1
27	4	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	14	0	3	3	2	44	13	5	4
30	5	1	3	5	1	9	7	2	0	1	0	1	3	1	5	0	7	3	4	2	0	6	0	0	3
31	0	0	0	6	1	1	4	1	3	2	0	0	0	1	****	-	****	****	****	****	****	2	1	1	1
MEAN	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	3	2	2	1	2	5	2	5	2.0

PERCENTAGE OF DATA VALID - 89.7 PERCENTAGE OF DATA INVALID - 9.8 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W, FORT FRANCES MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	14	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
3	1	1	1	1	1	0	0	0	0	0	0	0	****	****	****	0	0	4	2	1	16	31	1	0	3
4	11	0	0	7	2	5	0	0	0	3	1	1	0	0	0	0	0	0	0	0	0	0	0	2	1
5	10	1	0	0	5	19	12	0	0	0	0	0	0	0	0	0	0	0	0	2	4	6	21	6	4
6	5	2	0	77	67	67	58	28	31	18	27	21	3	38	22	8	1	0	0	4	33	1	1	0	21
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	8	6	1	0	0	0	****	****	0	0	0	0	0	0	0	0	0	2	3	0	0	0	1
9	0	4	9	6	73	27	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	7	1	6
10	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	****	****	****	****	****	****	0
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	2	2	1	8	12	10	7	2	3	2	2	2	0	3	2	1	0	0	0	1	5	4	3	1	3.0

PERCENTAGE OF DATA VALID - 39.7 PERCENTAGE OF DATA INVALID - 60.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W. FORT FRANCES MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6	****	****	****	****	****	****	****	****	****	****	****	****	-	****	****	****	****	1	0	0	0	0	0	0	******
7	0	0	0	0	0	0	1	****	****	****	****	****	0	0	0	0	0	0	1	4	5	20	33	12	4
8	4	0	0	1	2	72	39	0	0	1	1	1	4	4	2	2	5	8	1	29	25	13	2	2	9
9	0	1	1	1	0	15	4	0	6	4	2	0	****	****	****	****	****	0	0	1	3	0	0	0	2
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	9	7	1
11	2	14	7	16	10	2	0	2	5	24	1	1	0	0	0	0	0	0	0	2	4	1	3	0	4
12	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	4	7	7	26	21	0	3
16	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	2	0	1	1	2	1	1	1	1	1	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10	2	0	1
22	0	0	0	0	0	0	1	4	3	0	0	0	0	0	0	0	0	0	1	4	4	5	5	26	2
23	24	13	5	6	15	25	26	38	1	8	18	12	1	3	21	34	23	1	57	0	8	16	3	0	15
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	1	0	0	0	14	10	4	0	0	1	10	4	5	4	78	140	30	43	55	37	2	19	10	19
27	16	3	5	25	18	2	2	43	76	****	3	2	14	33	2	1	1	5	37	8	3	0	0	0	13
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
29	1	7	67	32	****	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	17	23	0	0	2
MEAN	2	2	4	4	2	6	4	4	4	2	1	1	1	2	1	5	8	2	6	5	5	5	4	2	3.3

PERCENTAGE OF DATA VALID - 79.3 PERCENTAGE OF DATA INVALID - 20.6 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W. FORT FRANCES MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	4	1	1	0	0	0	0	0	0	0	1	****	0	0	1	0	0	0	0	0	1	1	2	1
2	8	36	0	0	17	0	17	26	20	0	4	0	5	2	1	46	10	19	2	0	1	1	2	2	9
3	0	0	0	0	0	0	0	2	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	68	63	38	8	0	1	30	9
5	3	5	0	0	0	0	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
7	0	0	1	0	0	4	1	4	0	0	0	0	0	0	0	0	0	0	5	5	1	2	1	0	1
8	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	1	1	3	4	1	0	0	1	1	1	1	0	0	0	0	0	0	1
10	0	0	2	0	0	0	1	0	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	1	1	1	0	0	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
14	0	2	3	3	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	3	4	1
15	25	7	1	6	2	7	11	2	29	1	0	0	0	0	0	0	0	0	3	20	32	13	35	5	8
16	0	21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
17	0	0	0	0	0	0	0	3	1	1	2	1	0	2	3	0	0	1	5	13	2	1	6	3	2
18	21	10	0	0	1	0	3	4	1	2	2	9	5	12	9	26	11	17	20	16	20	11	0	0	8
19	0	1	****	****	****	****	0	0	0	1	1	3	3	3	1	1	2	5	12	7	16	4	11	1	4
20	1	7	2	0	9	22	36	20	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	3	0	0	0	2	1	2	2	2	2	2	2	3	2	2	3	1	1	2	2	1
23	0	0	0	2	2	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
24	0	4	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	2	1	1	2	3	4	2	4	2	1	1	3	32	5	1	0	4	3
26	49	45	23	14	23	1	0	1	3	7	34	6	1	1	5	16	9	10	6	4	0	0	0	1	11
27	2	28	7	4	22	47	3	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
28	0	0	0	0	0	0	3	0	4	0	4	2	5	0	0	0	0	0	0	0	0	1	2	14	1
29	13	8	11	4	18	13	11	0	0	2	10	3	0	0	0	0	0	0	1	1	1	3	3	21	5
30	5	9	2	0	1	1	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
31	0	0	0	0	0	0	0	0	1	2	4	3	2	1	1	1	10	12	2	2	0	0	1	10	2
MEAN	4	6	2	1	3	3	3	2	2	1	2	1	1	1	1	3	2	5	4	5	3	1	2	3	2.6

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W, FORT FRANCES MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	5	5	1	1	0	0	0	0	0	0	0	0	2	2	0	0	1
2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	3	10	5	4	31	1	3	3	7	2	0	0	0	0	0	2	4	3	3	11	6	4
5	0	0	0	0	1	0	0	1	1	2	0	0	0	0	0	0	****	****	****	****	****	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	0	0	0	******
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	1	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	0
9	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	****	****	****	****	****	****	****	******
10	****	****	****	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	9	27	15	5	1	0	3
11	0	1	1	3	39	43	12	1	1	6	13	23	0	2	3	0	0	1	0	0	0	0	0	0	6
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	0	0	1	5	6	3	2	1	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0
15	0	0	0	0	0	2	1	0	6	1	1	2	0	0	0	0	0	0	0	0	1	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	0	0	0	0
17	0	0	0	2	1	0	1	3	4	3	13	4	14	11	0	8	9	9	8	20	30	32	22	8	8
18	9	14	18	8	8	23	20	20	33	35	2	0	4	13	7	16	1	7	32	1	1	13	20	32	14
19	36	50	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	******
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
21	0	0	0	16	0	4	4	13	14	10	5	4	0	0	0	5	19	12	12	25	15	7	0	1	7
22	1	1	5	17	18	10	9	15	17	0	0	0	0	0	0	0	0	10	3	1	6	1	0	4	5
23	0	1	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	4	4	******
24	4	2	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	******
25	0	0	0	0	3	21	34	10	2	9	4	3	3	0	1	1	0	0	0	0	0	0	0	3	4
26	10	0	0	0	0	0	0	0	1	0	1	2	****	****	****	****	****	****	****	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	******
30	0	0	0	0	0	0	0	0	****	****	2	2	1	1	3	1	5	1	****	****	****	****	0	0	1
MEAN	2	2	1	2	3	4	3	3	4	3	2	2	1	1	1	2	2	2	4	4	4	3	2	2	2.4

PERCENTAGE OF DATA VALID - 81.7 PERCENTAGE OF DATA INVALID - 18.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W, FORT FRANCES MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	3	1	1	1	0	1	2	0
2	3	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	4	2	1	0	1	1	7	1	7	4	25	30	21	1	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	0	0	0	0	0
6	0	0	0	19	27	11	0	0	1	1	0	0	0	0	0	0	3	0	0	1	2	18	16	8	4
7	1	4	3	0	6	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	8	17	24	17	10	14	4
9	26	15	21	0	0	0	2	2	6	2	0	0	0	7	4	0	0	0	0	1	12	25	10	13	6
10	0	7	13	7	12	13	13	4	2	21	22	13	10	1	1	3	4	2	3	3	3	5	0	1	7
11	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	1	1	2	5	24	24	27	4	13	8	0	1	19	1	5	7	7	19	28	8
13	33	27	19	21	6	0	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5
14	0	0	0	0	0	3	5	13	4	1	1	13	6	15	20	25	29	21	2	0	1	1	0	0	7
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	****	****	0	0	1	1	0	0	0	0	0	1	0	1	1	3	0
18	0	2	11	3	6	8	1	15	10	2	10	10	14	30	7	0	0	2	2	1	0	0	0	0	6
19	0	0	0	0	0	0	0	0	0	1	1	2	4	0	0	1	3	4	25	23	9	11	0	0	4
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9	4	0	18	7	0	1	12	2
21	0	0	16	10	29	21	27	20	2	5	18	5	0	0	1	0	0	1	1	0	0	0	0	0	7
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	2	1	1	0	1	1	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	****	****	0	0	0	0	****	****	****		0	0	0	0	0	0	0
MEAN	2	2	3	2	3	2	2	2	1	2	3	2	1	2	2	1	2	2	2	3	3	3	2	3	2.2

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W, FORT FRANCES

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	1.9	18	51
FEB	5	1.1	2	11
MAR	31	3.4	20	69
APR	30	4.1	20	87
MAY	31	4.1	18	123
JUN	28	3.4	12	73
JUL	28	2.0	7	49
AUG	13	3.0	21	77
SEP	24	3.3	19	140
OCT	31	2.6	11	68
NOV	24	2.4	14	50
DEC	31	2.2	8	33
YEAR	306	2.9	21	140

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 62032 CEMETERY COLONIZATION RD W, FORT FRANCES

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	689	15	8	8	1	0	0	0	721
FEB	163	1	0	0	0	0	0	0	164
MAR	652	38	10	19	4	0	0	0	723
APR	626	45	9	27	5	0	0	0	712
MAY	631	51	20	14	7	2	0	0	725
JUN	610	27	5	18	5	0	0	0	665
JUL	639	18	5	5	0	0	0	0	667
AUG	273	7	5	5	5	0	0	0	295
SEP	523	17	12	12	6	1	0	0	571
OCT	685	28	10	14	2	0	0	0	739
NOV	543	27	6	12	0	0	0	0	588
DEC	672	32	20	6	0	0	0	0	730
YEAR	6706	306	110	140	35	3	0	0	7300

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
83.3	0	0.0	0.0	0.0	0.6	8.1	16.5	29.6	38.2	140	2.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9	-	-	-	-	-	-	-	-	-	-	-	****	8	2	1	1	1	0	0	0	0	0	0	****	******
10	0	0	3	19	24	10	13	15	18	1	0	****	0	0	0	0	0	0	0	0	0	2	****	****	5
11	2	6	4	5	0	1	2	8	6	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	2
12	1	3	2	6	6	5	3	4	3	4	1	****	0	0	0	0	0	0	0	0	0	0	****	****	2
13	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0
14	5	3	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0
15	0	0	0	6	9	16	12	13	2	0	0	****	0	0	0	0	3	0	0	0	0	0	0	****	3
16	0	0	0	2	3	2	1	3	6	7	0	****	0	0	0	0	0	0	0	0	0	0	0	0	1
17	1	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
20												- DATA INVALID -													
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	******
22	2	5	6	7	****	****	0	0	1	2	11	8	4	3	2	1	****	****	0	0	0	0	0	0	3
23	0	0	2	1	0	****	4	2	0	0	0	0	1	1	0	0	****	****	0	0	0	0	0	0	1
24	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0
25	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0
26	0	0	0	0	****	****	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
27	2	3	4	2	0	2	23	8	7	10	2	****	0	0	0	0	0	0	0	0	0	0	0	0	3
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	1	1	1	3	3	3	4	3	3	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1.1

PERCENTAGE OF DATA VALID - 53.5 PERCENTAGE OF DATA INVALID - 19.2 PERCENTAGE OF DATA UNAVAILABLE - 27.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3	0	4	8	7	5	10	5	5	5	1	1	2	0	3	5	6	7	6	5	4	7	8	5	7	5
4	4	2	0	0	1	0	0	0	2	0	0	0	1	2	3	4	4	4	3	2	0	0	0	1	1
5	3	2	2	3	7	2	0	0	0	0	0	0	5	8	10	8	5	2	1	1	1	1	1	1	3
6	0	0	0	0	0	0	0	0	0	1	3	6	10	7	5	4	4	****	0	0	0	0	1	1	2
7	2	2	1	2	3	****	1	2	3	1	1	1	3	2	2	1	2	****	0	0	0	0	0	0	1
8	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0
9	5	4	1	1	3	****	1	1	3	5	7	1	3	1	0	0	0	****	0	0	0	0	0	3	2
10	7	3	6	8	2	****	8	12	3	3	6	0	0	0	0	0	0	0	0	0	0	0	0	0	3
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2	2	2	1
14	0	0	0	0	0	0	0	0	0	0	0	2	4	6	9	8	5	2	1	0	0	0	0	2	2
15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0
16	5	6	11	10	4	2	3	5	4	0	0	0	0	0	1	0	0	0	0	0	0	0	3	3	2
17	3	8	25	18	7	12	5	8	2	2	2	4	5	5	2	2	2	1	1	0	0	0	0	2	5
18	1	1	1	1	2	0	0	0	0	0	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1
19	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	2	1	1	0	0	0	0	0	1
20	0	0	2	1	1	0	0	0	0	2	2	2	2	2	1	1	1	1	1	1	1	1	2	3	1
21	7	0	0	0	0	0	0	0	0	0	0	1	3	4	3	3	3	8	5	3	2	0	0	0	2
22	1	4	2	1	4	4	8	8	2	0	3	3	4	5	4	1	0	0	0	0	0	1	0	2	2
23	2	3	4	2	7	1	1	1	2	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	1	0	0	0	0	0	0	0	0
25												- DATA UNAVAILABLE -													
26	-	-	-	-	-	-	-	-	-	-	-	2	3	1	1	****	****	****	****	****	****	****	****	****	******
27												- DATA INVALID -													
28	****	****	****	****	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
29	0	1	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	1	1	3	0	1	10	1	0	0	0	0	1	1	0	0	0	0	6	4	2	1
MEAN	2	2	3	2	2	2	1	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1.5

PERCENTAGE OF DATA VALID - 82.2 PERCENTAGE OF DATA INVALID - 12.9 PERCENTAGE OF DATA UNAVAILABLE - 4.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	1	0	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	7	8	16	5	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
4	0	0	0	4	6	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	9	1
5	5	6	9	2	0	4	1	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	9	12	1
8	3	0	0	0	0	1	0	0	0	0	0	****	0	0	0	0	2	3	4	9	4	9	6	****	2
9	5	7	3	0	2	4	6	5	5	0	0	****	0	0	0	0	0	0	0	0	0	0	1	****	2
10	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
11												- DATA INVALID -													
12	****	****	****	****	****	****	****	****	0	0	0	0	1	1	1	****	****	1	3	2	2	20	15	1	******
13	0	0	0	****	****	0	0	0	2	6	2	1	0	0	0	0	****	0	0	0	0	0	7	6	1
14	6	3	9	****	****	4	7	3	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	2
15	0	0	0	0	****	1	5	1	0	0	0	0	0	1	0	0	****	0	0	0	0	0	0	0	0
16	0	0	0	****	****	2	8	7	6	1	0	0	0	0	0	0	****	0	0	0	0	0	0	0	1
17	0	1	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0
18	0	10	12	****	****	11	6	2	1	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	2
19	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0
20	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	4	8	1
21	10	8	4	****	****	9	3	4	4	2	0	0	0	0	0	0	****	0	0	0	0	0	0	0	2
22	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0
23	0	2	4	****	****	4	3	2	3	2	0	0	0	0	0	****	****	0	0	0	0	0	3	5	1
24	7	14	17	****	****	4	8	4	12	4	0	0	0	0	0	0	****	0	0	0	0	7	6	7	4
25	13	14	22	****	****	3	9	6	5	3	4	2	1	0	0	0	0	0	0	0	0	5	0	0	4
26	0	2	3	3	1	0	0	7	11	1	0	0	0	0	0	0	0	0	0	0	0	0	5	14	2
27	7	6	7	7	8	6	5	17	4	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	3
28	0	4	7	2	2	6	3	7	11	3	10	0	0	0	0	0	0	0	0	0	0	1	1	1	2
29	0	0	0	0	0	0	3	2	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	10	8	1
MEAN	2	3	4	2	2	2	2	3	2	1	1	0	0	0	0	0	0	0	0	1	0	2	2	3	1.3

PERCENTAGE OF DATA VALID - 87.4 PERCENTAGE OF DATA INVALID - 12.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	****	0	0	0	0	0	0	1	4	1	0	0	****	0	4	0	0	1	5	3	1
2	12	15	18	7	****	20	34	21	52	9	1	0	0	1	0	0	****	0	0	0	0	12	1	5	9
3	11	6	2	2	****	0	0	4	2	6	8	11	8	0	0	0	****	31	14	6	2	1	1	1	5
4	0	0	1	1	****	3	7	5	3	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	1
5	0	0	0	0	****	5	8	5	1	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	1
6	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	1	0
7	1	0	0	0	****	1	2	6	2	11	3	2	1	0	0	0	****	0	0	0	0	1	1	2	2
8	1	4	8	4	****	3	28	23	14	2	4	1	1	1	2	1	****	0	0	0	7	3	1	1	5
9	1	2	3	3	****	1	1	1	3	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	1
10	0	0	0	0	****	0	0	0	0	1	0	0	0	0	0	0	****	0	1	15	4	4	6	9	2
11	9	4	2	3	****	4	7	2	4	7	2	0	1	0	0	0	****	0	0	0	0	0	0	0	2
12	2	2	6	2	****	4	9	0	14	5	4	2	****	0	0	0	1	1	1	1	1	1	1	1	3
13	****	0	1	3	2	3	1	10	5	0	0	0	****	0	0	0	0	0	0	0	3	3	0	0	1
14	****	0	0	2	7	2	15	17	24	4	11	1	****	6	1	0	2	2	1	1	0	0	0	0	4
15	****	0	0	9	8	6	3	4	4	3	1	1	****	0	0	0	0	0	0	0	0	2	2	6	2
16	****	16	12	10	9	6	4	2	3	1	0	0	****	0	0	0	0	0	0	1	1	0	1	2	3
17	****	2	4	1	0	0	0	0	0	0	0	0	****	0	0	0	0	1	1	2	2	3	3	3	1
18	****	2	7	17	6	4	0	1	1	3	5	0	****	0	0	0	0	0	0	0	0	0	0	0	2
19	****	0	1	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
20	****	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0
21	1	1	0	0	****	****	****	1	****	****	****	****	0	0	0	0	0	0	0	0	****	****	****	****	******
22	****	****	****	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	2	3	0
23	9	15	10	10	10	6	13	8	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	6	4
24	5	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	******
25	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	3	8	****	9	13	9	******
26	5	15	7	16	15	9	3	0	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	3
27	0	8	8	6	7	0	3	3	****	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	2
28	0	0	5	3	4	2	0	4	****	4	2	0	0	****	****	****	****	0	0	3	0	0	0	0	1
29	0	4	9	4	5	14	15	10	18	10	0	0	0	3	6	0	0	4	3	11	18	23	17	10	8
30	16	6	6	14	15	14	4	4	1	1	0	0	0	0	0	3	4	4	4	4	4	2	0	0	4
MEAN	4	4	4	4	6	4	6	5	7	2	1	1	1	0	0	0	0	1	1	2	2	2	2	2	2.5

PERCENTAGE OF DATA VALID - 87.2 PERCENTAGE OF DATA INVALID - 12.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	1
2	13	11	17	5	8	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
3	2	2	2	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	1	1	3	9	15	2
4	13	19	8	1	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	2	3	6	12	3
5	9	14	6	5	16	21	4	15	19	3	3	5	0	0	0	0	0	0	0	0	0	0	2	13	6
6	16	9	9	10	33	11	13	23	10	0	0	0	0	0	2	1	0	0	0	0	0	0	2	9	6
7	4	6	3	3	3	5	6	4	6	3	0	0	1	0	1	0	1	21	26	14	4	5	7	2	5
8	0	0	0	0	0	0	3	9	15	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
10	5	5	0	0	0	0	0	6	14	7	3	2	5	4	****	****	****	****	****	****	****	****	****	****	******
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	******
12	0	0	10	3	0	0	0	0	****	****	****	****	0	0	0	0	1	1	0	0	0	0	0	0	1
13	****	****	****	****	****	****	****	****	****	0	0	0	0	0	****	****	****	****	****	****	****	****	0	0	******
14	0	0	11	24	20	5	2	0	1	0	0	0	0	0	0	0	2	6	2	0	2	17	26	29	6
15	11	6	58	35	40	38	36	37	3	0	0	****	****	****	****	****	0	0	0	0	0	0	0	0	14
16	0	0	0	0	0	1	3	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17	0	0	1	1	1	9	5	8	13	****	2	0	0	0	0	****	****	0	0	0	2	0	0	0	2
18	0	0	1	****	26	3	12	14	5	0	13	10	15	27	11	****	0	5	6	1	19	21	18	8	10
19	13	21	12	****	2	2	3	3	3	0	0	0	0	0	0	****	0	0	0	0	0	0	2	4	3
20	2	4	4	****	-	-	-	-	-	-	-	-	****	****	0	0	0	0	0	0	0	0	0	0	******
21	0	0	0	0	0	0	0	1	1	2	8	21	13	16	7	2	0	0	0	0	8	6	0	0	4
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	4	5	7	5	8	5	5	7	5	1	2	2	2	2	1	0	0	2	2	1	2	3	4	5	3.3

PERCENTAGE OF DATA VALID - 61.8 PERCENTAGE OF DATA INVALID - 37.1 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	14	2	******
17	4	4	2	2	2	1	1	****	0	0	0	0	0	0	0	0	0	0	0	****	0	****	****	****	1
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	******
19	0	2	1	0	0	0	0	****	0	0	0	0	0	****	****	0	0	0	0	****	0	0	0	0	0
20	0	2	1	9	4	6	****	****	****	****	2	0	0	0	0	0	2	2	0	****	0	0	1	0	2
21	0	1	0	0	0	0	0	****	0	0	****	0	0	1	1	0	0	0	0	****	0	0	0	0	0
22	0	1	2	0	4	5	1	****	2	2	1	1	2	2	2	1	1	2	1	****	1	0	****	****	2
23	****	****	0	0	0	0	0	****	0	0	0	0	0	1	0	0	0	0	0	****	0	1	1	2	0
24	0	0	7	12	10	11	9	****	10	2	1	****	0	1	0	1	0	0	0	****	0	0	2	1	3
25	0	0	5	8	6	10	9	****	0	3	1	****	0	0	1	1	1	1	1	****	0	0	0	1	2
26	2	0	0	2	1	3	****	****	2	2	2	2	0	0	3	4	3	0	0	****	1	1	4	8	2
27	13	11	13	21	20	16	****	****	5	4	20	8	3	2	2	0	0	3	1	****	4	2	1	1	7
28	1	0	0	0	0	1	****	****	3	4	5	1	0	0	0	0	0	0	0	****	2	3	4	2	1
29	12	15	14	5	11	5	3	****	1	****	****	****	****	****	****	****	****	****	****	****	****	13	7	15	******
30	9	8	0	6	4	0	0	****	0	0	0	0	0	1	2	2	****	****	****	****	0	0	0	2	2
31	1	1	1	0	0	0	0	****	0	****	****	****	0	0	0	1	2	2	2	****	0	0	0	0	1
MEAN	3	3	3	5	4	4	2	****	2	2	3	1	0	1	1	1	1	1	0	****	1	1	2	2	2.1

PERCENTAGE OF DATA VALID - 37.4 PERCENTAGE OF DATA INVALID - 62.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	3	2	3	****	3	0	2	5	0	4	19	17	7	15	****	****	3	4	1	1	4
2	0	1	0	2	3	5	****	****	10	****	****	0	0	0	0	0	0	0	0	****	0	0	0	1	1
3	1	1	1	0	0	0	****	****	****	****	1	1	1	0	0	0	0	0	0	****	2	0	****	****	0
4	****	2	2	0	1	1	1	****	0	0	0	0	0	0	0	1	1	2	1	****	1	16	10	16	3
5	22	22	26	30	27	3	3	****	****	****	****	****	0	0	0	1	1	2	4	****	0	18	8	3	9
6	1	4	3	3	24	16	****	****	1	1	0	0	1	1	1	0	1	1	****	****	0	0	0	0	3
7	0	0	3	2	2	5	3	****	2	1	1	1	0	0	****	****	****	****	****	****	****	1	9	4	2
8	14	13	3	0	0	0	6	****	****	****	2	2	0	0	0	0	2	0	****	****	****	0	0	0	2
9	0	0	1	0	0	****	****	****	0	3	3	****	****	****	****	****	****	****	****	****	****	0	0	0	******
10	0	2	1	0	0	0	****	****	****	****	****	****	****	****	0	0	1	0	0	****	****	0	1	1	******
11	****	****	****	****	****	****	****	****	****	0	0	0	1	2	1	0	0	0	0	****	****	****	****	3	******
12	2	1	1	5	3	3	3	****	3	7	3	5	0	0	3	2	2	2	1	****	0	0	0	3	2
13	7	2	1	4	8	14	4	****	0	0	0	0	0	0	****	****	0	0	****	****	****	****	****	****	******
14	****	****	****	****	****	3	0	****	0	0	0	0	0	0	0	0	0	0	0	****	8	8	15	18	3
15	16	15	15	15	13	12	5	****	7	8	0	0	0	0	0	0	0	0	0	****	****	****	1	0	5
16	0	1	2	11	18	7	5	****	****	6	1	2	1	3	0	0	0	1	0	****	27	23	34	37	9
17	26	45	14	4	0	0	0	****	0	13	7	5	1	0	1	1	17	13	2	****	****	8	0	0	7
18	10	6	5	0	0	0	0	****	0	0	0	0	1	1	1	0	0	0	0	****	****	****	11	15	3
19	7	11	12	8	13	16	2	****	****	****	****	****	****	4	0	0	0	0	0	****	****	****	3	3	******
20	0	0	0	0	0	4	5	****	1	0	0	0	0	0	0	0	0	0	0	****	5	6	0	0	1
21	1	0	6	9	13	14	5	****	0	0	0	****	****	****	****	0	0	0	0	****	3	0	7	9	4
22	3	2	3	2	7	3	5	****	6	6	11	0	0	0	0	0	0	0	0	****	****	1	4	1	3
23	0	1	0	0	0	0	****	****	4	2	0	0	0	0	0	0	0	0	0	****	0	0	0	1	0
24	5	0	7	0	0	2	1	****	1	7	3	0	0	0	0	0	0	0	0	****	7	9	9	3	2
25	2	0	1	4	1	3	4	****	8	1	0	0	0	0	0	0	0	0	0	****	15	9	15	13	3
26	11	8	21	12	1	13	21	****	5	14	2	0	0	0	0	0	0	0	0	****	0	0	1	1	5
27	1	2	2	13	3	8	7	****	****	1	6	5	3	2	1	1	3	2	1	****	****	0	0	1	3
28	3	2	3	2	1	0	0	****	0	0	0	0	1	1	0	0	0	0	0	****	0	0	0	0	1
29	0	0	0	0	0	0	0	****	0	0	0	0	0	3	1	1	0	1	0	****	0	0	1	3	0
30	7	4	1	9	16	4	1	****	0	0	0	0	0	0	0	1	0	0	****	****	****	****	****	****	3
MEAN	5	5	5	5	6	5	4	****	2	3	2	1	0	1	1	1	1	1	0	****	4	4	5	5	3.1

PERCENTAGE OF DATA VALID - 78.6 PERCENTAGE OF DATA INVALID - 21.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11	****	****	****	****	****	****	****	****	****	****	****	0	0	0	1	0	0	****	****	****	****	****	****	0	******
12	****	0	0	0	0	0	0	****	0	0	****	****	****	0	0	0	0	0	0	****	0	0	****	****	0
13	****	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	11	****	5	7	12	10	******
14	17	5	1	3	1	7	6	****	3	2	0	10	13	20	14	8	6	0	0	****	3	3	4	2	6
15	5	8	8	2	7	10	10	****	4	1	1	0	0	0	****	****	0	0	0	****	0	0	0	0	3
16	1	****	****	****	7	12	3	****	10	1	7	4	1	0	0	0	0	****	0	****	2	0	0	0	3
17	0	5	10	12	10	13	15	****	8	7	3	3	0	0	2	3	0	0	****	****	****	****	0	2	5
18	6	13	6	0	3	3	8	****	4	1	3	0	0	0	****	0	****	****	0	****	0	0	0	****	3
19	****	****	****	****	****	0	0	****	4	5	1	0	****	****	0	****	****	****	0	****	****	****	****	****	******
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31	-	-	-	-	-	-	-	-	-	-	-	-	****	****	****	****	****	0	0	0	0	0	0	0	******
MEAN	6	5	4	3	4	6	6	****	5	2	3	2	2	3	3	2	1	0	1	0	1	1	2	2	3.0

PERCENTAGE OF DATA VALID - 19.5 PERCENTAGE OF DATA INVALID - 64.8 PERCENTAGE OF DATA UNAVAILABLE - 15.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	2	1	0	2	3	2	1	1	1	1	1	1	0	0	3	4	3	6	5	3	2
2	3	9	11	12	14	24	24	19	20	26	18	9	1	5	5	2	2	5	8	2	0	0	1	0	9
3	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	2	5	8	8	5	4	3	4	6	4	1	0	0	0	0	0	0	0	0	****	****	****	****	3
6	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	1	3	******
7	2	11	6	2	1	7	15	6	12	3	6	1	1	4	19	13	****	****	0	1	2	1	0	4	5
8	6	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	1
9	****	****	****	****	****	****	****	****	****	****	****	0	0	0	****	0	0	-	-	****	0	0	0	0	******
10	3	2	13	3	17	2	14	14	5	2	2	8	1	0	0	0	0	0	0	5	14	22	17	10	6
11	20	22	5	5	4	14	4	2	6	13	9	7	7	1	1	1	0	0	0	0	0	0	1	5	5
12	7	0	2	1	0	14	8	8	17	10	1	0	0	0	0	0	1	5	7	10	21	14	9	6	6
13	16	21	7	8	10	8	9	7	3	8	3	0	0	0	0	0	0	0	0	0	0	0	0	6	4
14	16	15	9	21	8	0	13	9	6	6	14	6	14	10	7	4	3	7	6	6	1	1	7	11	8
15	2	15	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10	8	7	2
16	9	12	1	13	4	11	0	18	11	5	13	27	9	5	1	1	2	0	38	56	17	16	1	1	11
17	14	21	10	14	19	13	4	2	7	18	8	8	12	0	0	0	0	0	0	0	0	0	0	0	6
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	1	7	8	3	4	3	2	0	0	0	0	0	0	0	0	0	12	3	0	0	2
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	5	5	15	8	2
21	10	9	2	15	13	10	17	7	2	5	3	5	5	****	2	1	8	5	3	0	0	0	0	0	5
22	0	0	0	0	0	0	1	5	10	3	15	9	1	0	0	****	****	****	0	0	0	0	0	0	2
23	0	0	0	0	0	0	0	0	1	1	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0
24	0	0	0	2	10	1	4	6	14	4	2	13	10	2	2	0	0	0	0	14	19	4	3	2	5
25	5	8	6	14	6	1	7	0	6	11	1	1	18	6	4	3	7	12	3	7	14	16	10	14	8
26	5	10	6	13	4	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	1	2	2	1	9	7	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	2	1	7	4	2	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	4	6	3	5	5	5	5	4	5	5	4	3	3	1	2	1	1	1	2	4	4	4	3	3	3.4

PERCENTAGE OF DATA VALID - 94.2 PERCENTAGE OF DATA INVALID - 5.6 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	3	4	4	2	2	1	3	9	12	0	0	0	0	0	0	4	4	7	5	6	6	3
2	2	1	0	0	0	1	2	1	1	5	9	16	16	8	14	5	4	2	3	3	9	16	9	6	6
3	4	4	2	11	9	7	22	22	19	27	****	0	0	0	0	1	6	22	9	0	0	0	0	0	7
4	0	0	0	0	0	0	18	21	13	22	24	22	13	0	5	0	0	6	12	1	1	0	0	0	7
5	0	0	0	1	2	5	18	7	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
6	0	1	0	0	0	2	4	3	2	8	4	0	1	8	3	1	0	1	1	19	0	1	0	0	2
7	4	5	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	1	1	0	0	0	1
8	2	0	0	2	2	0	2	1	8	16	8	3	6	2	4	7	10	17	15	12	7	0	0	0	5
9	1	0	0	0	0	0	0	0	0	0	0	3	2	2	0	0	0	4	3	7	8	9	8	2	2
10	4	11	7	6	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1
11	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	6	8	7	7	5	4	5	6	7	3	2	3	3	4	7	8	5	3	3	0	7	5	9	6	5
13	0	0	0	0	0	0	0	0	0	0	0	3	9	18	0	0	1	0	0	0	0	0	0	0	1
14	0	0	0	1	1	6	2	1	0	4	3	4	4	5	3	1	1	0	6	9	7	28	3	15	4
15	7	3	14	8	33	42	31	21	30	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	9
16	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	13	9	3	1	0	2	1
17	2	18	1	8	12	19	22	15	20	16	5	0	0	0	0	0	1	0	2	1	3	5	4	3	7
18	3	2	1	2	1	2	3	4	10	1	1	0	0	0	0	0	0	0	0	0	0	0	1	2	1
19	5	7	11	13	13	5	0	0	0	0	0	0	0	0	0	0	0	1	3	10	10	9	4	4	4
20	4	5	7	4	1	0	0	0	0	1	2	2	1	0	0	0	1	2	2	2	2	1	0	0	2
21	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
22	3	9	9	10	10	4	1	0	1	2	0	0	0	0	0	0	0	0	****	****	****	****	****	****	3
23	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	7	10	13	11	19	14	3
27	12	5	3	4	18	19	18	15	8	10	13	7	0	0	0	1	4	14	25	15	18	19	21	24	11
28	24	23	25	17	10	5	18	19	10	16	21	****	0	0	0	0	15	24	23	26	23	20	16	28	16
29	26	21	42	14	18	7	4	18	11	12	17	****	****	****	****	****	17	8	30	25	15	9	12	10	17
30	3	3	8	16	12	18	10	4	21	22	11	13	7	3	1	0	1	6	15	20	18	19	18	12	11
31	14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MEAN	4	4	4	4	5	5	6	5	6	6	4	3	2	2	1	1	2	4	6	6	5	5	4	5	4.2

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR	17	1.1	5	24
APR	25	1.5	5	25
MAY	28	1.3	4	22
JUN	27	2.5	9	52
JUL	18	3.3	14	58
AUG	13	2.1	7	21
SEP	25	3.1	9	45
OCT	6	3.0	6	20
NOV	28	3.4	11	56
DEC	31	4.2	17	42
YEAR	218	2.6	17	58

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL REDUCED SULPHUR-GASEOUS UNITS - PARTS/BILLION

STATION - NW NO 63046 CAN-CAR BLDG MONTREAL ST. THUNDER BAY

MONTH	00 TO 10	11 TO 20	21 TO 27	28 TO 50	51 TO100	101TO300	301TO500	501&OVER	TOTAL
JAN	DATA UNAVAILABLE								
FEB	DATA UNAVAILABLE								
MAR	388	8	2	0	0	0	0	0	398
APR	587	4	1	0	0	0	0	0	592
MAY	634	15	1	0	0	0	0	0	650
JUN	586	34	4	3	1	0	0	0	628
JUL	407	34	11	7	1	0	0	0	460
AUG	262	15	1	0	0	0	0	0	278
SEP	510	42	10	4	0	0	0	0	566
OCT	134	11	0	0	0	0	0	0	145
NOV	602	64	10	1	1	0	0	0	678
DEC	622	74	26	8	0	0	0	0	730
YEAR	4732	301	66	23	3	0	0	0	5125

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
69.8	0	0.0	0.0	0.0	1.4	8.2	13.4	19.0	23.2	58	2.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	2	****	2	2	2	2	2	2	2	2	2	1	1	-	-	-	1	2
3	1	1	1	2	2	2	4	5	4	2	1	1	2	2	2	1	3	2	1	1	1	1	2	3	2
4	1	1	1	2	1	2	1	2	3	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	3	2	2	1	1	1	2	2	2	2	5	1	2	2	2	****	2	2
6	1	1	1	2	1	1	1	2	2	1	2	2	3	2	2	2	2	2	2	2	2	2	3	3	2
7	2	2	2	2	2	2	1	2	3	3	3	2	2	3	3	2	2	2	2	2	2	2	1	2	2
8	1	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	3	2	2	1	1	2	3	1	2
9	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	1	2	2	1	2	2	2	1	2	1	1	****	1	2	2	2	2	2	2	2	****	2	2
11	3	2	2	2	2	2	3	5	6	6	6	4	3	2	1	1	2	2	2	-	-	2	2	1	3
12	1	1	1	1	1	1	2	2	3	7	2	2	2	2	2	2	4	3	-	-	2	2	3	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	****	5	2
14	3	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
15	1	2	1	2	2	2	2	3	4	3	2	3	2	2	2	3	4	2	2	2	2	2	1	1	2
16	1	1	2	1	1	1	1	2	3	3	3	2	2	3	2	3	3	3	3	3	3	3	2	2	2
17	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
18	1	1	1	1	1	1	1	2	3	1	-	-	2	2	2	2	3	3	2	2	2	2	2	2	2
19	3	1	1	1	1	1	1	2	3	8	2	2	-	2	2	2	4	2	2	2	3	2	3	3	2
20	3	2	2	2	2	2	3	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2
21	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	1	1	1	1	-	2	2	2	2	2	2	2	2	2	2	3	****	3	2	2	2	2	2	2
23	2	2	1	1	1	1	2	2	3	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2
24	2	2	1	1	1	1	2	2	2	-	****	2	2	2	3	3	5	5	5	4	3	2	2	1	2
25	1	1	1	1	1	1	1	1	1	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	2	2	3	2	3	3	3	3	3	3	3	3	3	2	2	1	2	2	2
27	2	2	2	2	2	2	2	2	3	2	3	3	2	2	2	2	3	3	2	2	2	2	2	2	2
28	2	2	2	1	1	1	1	1	1	2	2	1	2	2	2	1	2	1	2	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	2	3	2	1	2	2	2	2	3	2	2	1	1	1	1	1	2
30	1	1	1	1	1	1	1	2	2	1	1	2	1	2	1	2	2	-	2	1	1	2	1	1	1
31	1	1	1	1	1	1	2	2	3	3	3	2	2	2	2	2	3	2	2	1	1	2	1	1	2
MEAN	2	2	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	2	1	1	2	2	1	1	****	2	2	1	1	1	1	1	1	1
2	2	2	1	1	1	2	2	3	4	4	4	11	2	2	2	3	3	2	2	2	2	2	3	2	3
3	3	3	3	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	2	1	2	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	1
5	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	-	1	1	1	2	1	1	1	1
6	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	3	3	1	2	3	3	2	2	2	2	1	1	1	1	1	1	1	2
8	1	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	0	0	1
9	2	2	1	1	1	1	2	2	1	4	4	3	3	2	2	2	3	2	2	2	2	2	2	2	2
10	1	1	1	1	1	1	2	2	1	1	1	1	1	2	1	1	1	2	1	2	2	1	2	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	5	2	1	1	1	1	1	2
13	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	****	1	1	2	1	1	1
14	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	-	1	1	1	1	1	1
16	1	1	1	1	1	1	1	2	4	2	2	1	4	2	1	2	2	2	2	2	1	-	1	2	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	****	1
19	1	1	1	1	1	2	3	4	5	4	4	3	5	3	2	5	3	2	2	2	2	3	2	2	3
20	2	1	1	1	1	2	3	3	3	2	2	2	2	2	3	2	3	5	5	2	2	2	2	2	2
21	2	1	3	3	1	1	1	1	2	1	1	1	4	2	2	2	2	2	2	1	1	1	1	1	2
22	1	1	1	1	1	1	2	2	3	2	3	2	2	2	2	2	3	6	2	2	2	2	5	1	2
23	1	1	1	1	1	1	2	2	2	3	2	2	2	6	5	3	4	4	4	4	3	2	2	2	3
24	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	1	1	1
26	0	0	0	0	1	3	1	1	1	1	1	1	1	1	1	2	2	****	1	1	1	1	1	1	1
27	1	1	1	0	0	1	1	2	2	2	3	3	2	2	2	2	3	3	3	4	4	6	10	11	3
28	11	8	5	3	2	2	2	4	7	7	3	2	1	1	1	2	6	2	2	1	1	2	2	2	3
MEAN	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	1.6

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	2	1	2	2	3	4	3	3	4	4	5	4	4	5	5	4	4	3	5	3	3	3
2	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	4	-	****	3	3	7	7	4	4
3	4	3	3	2	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	3	3	2
5	2	2	2	2	2	2	3	3	3	2	4	2	2	2	4	2	3	3	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	3	6	2	3	2	3	3	3	2	6	3	3	3	3	3	3	3	3
7	-	****	2	2	2	2	3	5	5	4	3	2	3	4	3	3	3	8	3	6	3	3	3	3	3
8	5	2	2	7	4	2	3	3	3	5	2	3	5	2	3	2	3	3	3	3	3	2	3	3	3
9	3	2	2	2	2	2	3	3	5	3	4	3	3	3	3	6	4	3	5	3	3	3	3	3	3
10	2	2	6	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	5	2	2	2
12	2	2	2	2	2	2	2	6	6	2	3	2	2	****	13	3	3	3	2	2	2	2	-	2	3
13	2	2	2	1	1	2	2	2	6	2	2	2	2	2	5	2	5	2	2	2	2	2	4	2	2
14	2	2	2	1	1	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
15	1	1	1	1	1	1	1	2	2	4	1	2	5	2	2	2	2	2	2	2	2	2	2	1	2
16	1	2	2	2	2	-	2	3	3	3	2	2	2	1	2	2	2	3	3	3	4	4	4	5	3
17	4	4	2	2	2	2	3	4	3	3	2	2	2	2	2	2	2	2	2	2	3	2	2	3	2
18	3	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	4	2	2
19	2	2	2	1	1	2	2	2	2	2	4	2	2	2	3	3	5	3	5	2	2	2	2	2	2
20	2	2	1	1	1	1	2	2	3	5	7	2	2	3	3	5	4	-	****	4	3	****	3	3	3
21	4	3	2	2	2	2	2	6	3	3	3	3	3	3	2	3	3	3	2	2	3	3	3	2	3
22	2	3	2	3	2	2	3	4	3	3	3	3	3	3	2	3	4	3	3	3	2	2	2	2	3
23	2	2	2	2	2	2	2	2	2	1	****	****	2	2	2	2	2	2	2	2	2	1	1	1	2
24	2	2	2	2	2	1	2	2	2	2	2	2	7	2	2	2	2	2	4	2	2	1	2	2	2
25	2	2	2	2	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	1	2	4	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
27	1	1	1	1	1	1	2	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	1	1	1	1	1	2	2	5	2	2	2	2	3	2	2	2	2	2	1	2	3	1	2	2
29	2	2	2	1	****	7	3	3	9	2	2	2	2	3	2	2	2	2	3	3	1	1	1	4	3
30	4	1	1	1	0	1	1	1	-	1	2	2	2	2	3	1	2	2	2	2	2	2	2	2	2
31	2	2	2	2	1	1	1	2	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	3	3	3	3	2	3	2	3	2	3	3	3	2	2	2	2	2	2.4

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	2	4	2	2	1	2	1	1	1	1
2	1	1	1	1	2	1	2	2	4	4	2	2	****	****	1	1	2	2	2	2	3	1	1	1	2
3	1	1	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2
4	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	4	****	3	4	2	2	2	2	2	2
5	2	2	1	1	1	****	2	2	-	-	****	2	2	2	2	2	2	2	2	2	5	2	1	1	2
6	1	1	1	1	1	1	1	1	2	1	****	2	2	2	2	2	4	****	2	2	2	2	2	2	2
7	6	2	2	2	2	2	4	2	2	2	2	2	2	2	4	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	1	1	1	1	2	1	2	2	1	2	2	2	2	2	2	1	2	1	2
9	1	1	1	1	1	1	2	2	4	2	2	2	4	2	2	2	2	2	2	1	1	1	2	2	2
10	3	2	2	2	2	2	2	3	4	4	7	3	3	2	2	2	2	2	2	2	2	2	2	2	3
11	2	2	1	2	1	1	2	3	2	2	2	2	2	****	2	2	2	2	2	1	1	2	1	1	2
12	1	2	1	1	1	1	1	2	2	2	3	3	4	4	3	2	3	2	4	2	2	2	2	2	2
13	2	4	2	2	4	2	1	2	2	4	3	5	3	2	2	2	3	3	3	3	2	2	2	2	3
14	1	1	2	3	3	2	2	3	2	2	2	2	2	2	2	2	2	4	2	1	1	1	1	1	2
15	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	1	1
16	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	****	2	2	****	1	1	2	2
17	2	3	3	2	2	1	3	3	2	2	2	2	2	3	3	3	4	3	3	3	2	2	2	2	2
18	2	4	5	4	3	3	4	3	3	3	2	2	2	2	2	1	2	1	****	2	2	2	2	2	3
19	2	2	2	2	1	1	3	3	4	2	3	2	3	2	1	1	1	1	1	2	2	2	2	2	2
20	2	2	4	4	2	2	5	3	2	1	1	1	1	4	1	2	3	1	1	2	2	2	2	2	2
21	2	2	2	2	2	2	2	3	2	2	2	2	2	3	3	4	3	5	3	3	3	4	4	3	3
22	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2
23	2	2	2	1	1	1	3	3	4	4	4	2	1	1	1	1	1	1	1	2	3	2	5	1	2
24	2	1	1	1	1	2	3	7	7	5	9	****	1	1	1	1	1	1	1	2	2	6	2	2	3
25	1	1	1	1	1	****	2	3	3	2	2	1	1	1	4	2	1	2	1	2	1	2	2	2	2
26	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
27	1	1	1	0	0	1	1	1	1	6	5	2	2	2	2	2	3	3	3	2	2	2	2	2	2
28	1	2	1	1	1	1	1	1	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	1	3	1	1	2	1	2	2	2	6	1	1	1	1	1	1	2	1	1	1	1	2
30	1	1	1	1	1	1	1	1	1	2	2	2	3	2	2	2	2	1	1	1	1	1	2	1	1
MEAN	2	2	2	1	2	1	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 97.9 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
2	2	1	1	1	1	2	2	2	2	2	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	2	2	3	****	3	3	2	2	2	2	2	6	6	2
4	2	2	2	1	2	2	2	3	3	2	2	6	2	3	3	3	-	2	2	2	3	3	3	3	3
5	2	2	1	1	1	2	2	2	2	2	2	2	1	2	1	2	2	2	2	2	1	1	1	1	2
6	1	1	2	2	2	2	2	1	2	5	2	2	2	2	2	1	8	1	5	1	6	1	5	1	2
7	1	1	1	****	2	2	5	2	1	1	4	1	4	1	1	1	1	1	1	1	1	1	1	1	2
8	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
9	1	1	1	1	2	3	3	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	1	2
10	1	1	1	5	1	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	2	4	3	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
12	1	0	1	1	0	1	0	1	1	1	4	1	1	2	2	2	2	2	2	2	2	2	2	2	1
13	2	2	2	1	1	1	1	1	1	1	4	2	4	2	1	1	1	1	1	1	1	1	2	2	2
14	2	1	1	1	2	2	2	2	2	2	****	2	1	5	2	2	2	2	2	1	1	2	2	2	2
15	2	1	1	2	3	2	3	4	2	2	****	2	2	2	6	2	2	2	2	2	2	2	5	2	2
16	2	2	2	2	2	4	5	6	3	2	4	2	3	2	2	3	2	2	2	2	3	3	2	2	3
17	-	2	2	****	2	3	3	4	2	2	2	2	2	1	2	2	2	2	2	5	5	2	2	2	2
18	2	2	2	2	2	3	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	5	2	2	2	2	2	2	2	5	****	1	1	1	1	1	1	1	1	2	2	2	2	3	4	2
20	3	2	1	1	1	1	1	1	1	1	2	2	4	2	2	1	1	1	2	3	4	4	2	1	2
21	****	2	1	1	****	0	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1
23	1	1	1	1	1	1	1	1	4	2	1	2	1	1	1	2	2	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
25	1	1	1	1	-	****	2	2	2	1	****	2	1	2	1	3	2	2	2	2	1	1	1	1	2
26	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	2	2	3	5	5	3	3	2
27	3	2	2	2	2	2	2	2	4	2	1	5	2	2	2	2	2	2	2	3	4	5	7	4	3
28	3	2	2	2	****	3	2	2	3	2	****	2	2	2	3	3	2	2	2	2	2	4	4	4	3
29	3	3	2	2	2	3	4	4	3	2	2	2	2	2	2	2	9	2	2	2	3	2	1	1	3
30	1	1	1	1	1	2	3	2	1	2	2	2	6	5	2	6	3	2	2	2	2	1	1	1	2
31	1	4	1	1	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	1	2	5	2	2	2
MEAN	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	4	2	2	2	4	5	5	****	7	5	-	-	3	2	2	3	2	2	2	8	2	2	3
2	2	2	2	1	2	2	2	2	2	2	2	3	3	6	2	2	1	1	1	2	2	2	5	3	2
3	3	3	2	2	2	2	2	5	3	3	2	2	2	2	2	2	1	2	2	2	5	5	4	3	3
4	3	2	2	2	2	3	5	4	3	3	3	2	1	2	2	2	2	2	1	3	2	2	3	3	2
5	2	1	3	2	1	2	4	6	3	2	2	-	1	1	1	1	1	1	1	1	1	1	1	1	2
6	1	1	1	1	1	1	1	2	2	2	2	2	2	6	2	6	3	1	1	2	2	2	2	2	2
7	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
8	1	1	3	4	2	2	5	2	2	2	2	6	1	1	4	4	1	0	0	0	1	1	1	1	2
9	1	1	1	0	0	4	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1
10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0
11	0	0	0	0	0	0	1	1	4	3	4	1	1	0	0	1	0	-	-	0	3	1	1	1	1
12	1	2	2	2	3	4	4	4	1	1	0	0	1	1	1	1	0	0	****	0	1	2	1	1	1
13	1	1	0	0	1	1	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	****	1	1	1	0	1	4	****	4	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	0	1	****	****	0	0	1	1	0	0	5	1	1	1	1	3	1
16	3	1	3	1	1	1	2	5	2	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1
17	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	****	0	0	1	0	2	1	1	1	0	0	0	0	0	0
19	0	0	0	0	0	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	1	1	1	0	1	1	1	1	1	2	2	2	1	1	0	0	0	0	0	1
21	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	2	3	1
22	3	2	2	2	2	1	6	2	1	1	****	0	0	0	0	1	-	1	1	1	1	0	1	1	1
23	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1
24	1	0	****	0	0	0	0	****	1	1	0	0	0	0	1	1	0	0	1	1	0	1	1	1	0
25	1	0	0	0	1	1	2	2	1	0	1	0	1	1	1	1	-	0	0	0	1	1	2	3	1
26	1	1	1	1	0	1	2	2	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1
27	1	0	0	1	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
28	1	1	1	1	1	1	1	2	****	****	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1
29	1	1	0	1	1	2	1	2	2	1	1	1	5	3	3	3	3	3	2	3	3	3	3	-	2
30	4	2	1	1	1	1	1	1	1	1	2	2	2	2	2	-	3	4	4	4	4	5	6	3	2
MEAN	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1.3

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	3	3	3	2	2	2	1	2
2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	2	5	3	4	4	5	9	10	11	3
3	6	3	2	2	2	3	4	4	3	3	****	3	3	3	3	3	3	2	2	2	2	2	2	1	3
4	1	1	1	1	1	1	2	3	2	2	6	2	2	2	2	2	2	1	1	2	2	2	2	5	2
5	5	1	1	1	1	5	2	2	5	1	1	****	2	2	2	2	2	1	1	1	2	2	3	3	2
6	3	2	3	3	3	4	4	4	2	3	3	2	2	2	2	5	5	2	1	2	2	2	3	3	3
7	4	4	3	2	2	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
8	2	2	3	3	2	2	2	1	1	2	2	2	1	1	1	****	1	1	1	1	1	1	1	1	2
9	1	1	1	1	1	1	2	2	2	2	2	2	****	2	3	4	2	2	3	3	3	2	2	5	2
10	1	1	1	1	1	2	2	2	2	2	2	-	2	2	2	2	2	2	2	2	3	3	3	2	2
11	2	2	2	2	2	2	3	4	3	2	2	2	3	2	3	3	3	3	4	3	3	****	5	3	3
12	3	2	2	2	2	4	7	7	8	4	2	4	4	6	1	2	1	1	1	2	2	2	3	3	3
13	2	1	1	1	1	5	2	2	2	2	****	2	1	2	2	2	2	2	1	1	2	3	5	5	2
14	6	6	5	5	5	4	4	4	4	3	2	1	1	1	1	1	1	1	1	5	1	3	3	3	3
15	4	3	3	2	2	5	2	1	1	1	1	2	1	1	1	1	1	1	1	1	2	3	3	2	2
16	4	1	1	1	1	1	2	2	3	2	****	****	1	1	1	1	1	1	1	0	1	1	1	****	1
17	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1
18	0	0	0	0	0	1	1	1	1	8	****	2	2	2	2	2	1	1	1	1	6	2	2	2	2
19	2	2	2	2	2	4	5	5	5	2	2	2	2	2	2	2	2	2	2	2	2	6	2	2	3
20	2	5	1	2	2	3	5	5	8	3	2	****	2	****	2	2	2	2	2	2	2	3	2	2	3
21	****	2	2	3	3	4	4	7	4	2	****	2	2	2	2	2	2	2	2	2	6	2	2	2	3
22	2	2	5	2	2	2	-	2	2	3	2	2	****	3	2	2	2	****	****	2	2	2	2	2	2
23	****	2	2	2	2	2	3	2	2	2	2	2	2	****	2	2	2	2	1	2	2	2	2	2	2
24	1	1	4	3	2	2	2	3	2	2	2	1	1	2	1	4	1	1	1	1	1	3	1	1	2
25	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	1
26	2	1	2	2	2	2	2	3	2	****	3	3	3	3	3	****	3	3	2	2	2	3	3	3	2
27	2	2	2	2	2	2	3	3	3	2	2	2	2	-	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	3	2	2	2	2	4	3	3	3	3	3	3	3	4	3	3	2	2	3
29	2	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	7	3	2	2
30	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	2	2	2	3
MEAN	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2.2

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	2	2	3	3	3	3	2	5	3	3	3	3	2	2	2	2	2	2	2	****	2
2	2	1	1	2	1	2	2	2	2	2	2	2	3	3	3	3	6	2	2	2	3	4	4	3	2
3	4	4	3	3	3	3	4	5	3	2	3	2	2	1	2	2	2	2	2	2	2	2	6	2	3
4	2	2	3	2	2	2	3	3	2	3	3	2	2	2	2	2	2	2	2	4	2	4	3	2	2
5	2	2	2	2	2	2	2	2	3	2	2	5	2	2	2	2	2	2	2	2	2	2	2	2	2
6	3	4	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	2	1	****	2	2	****	1	2	2	2	2	1	1	1	2	2	1	1
8	1	1	1	1	1	2	3	4	1	1	2	2	1	2	3	2	2	****	2	2	2	4	1	1	2
9	1	1	1	1	0	1	1	2	2	2	2	5	1	5	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	3	2	2	2	2	3	3	2	3	3	3	3	2	2	3	2	2	2	2	2
11	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
13	2	2	2	2	2	2	4	3	2	2	2	2	2	3	2	3	2	2	2	2	2	2	3	2	2
14	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	-	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	3	3	4	5	3	3	2	2	2	2	2	5	2	2	2	2	2	2	2	2	6	3
17	5	2	2	2	2	3	4	7	3	1	1	4	5	1	1	2	2	1	1	0	0	****	1	0	2
18	0	0	0	0	1	2	1	1	1	2	2	1	1	1	2	2	1	1	1	1	2	2	2	2	1
19	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
20	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	4	1	1	1	6	1	1	1
21	0	0	0	0	1	1	1	1	1	1	1	0	0	1	0	1	0	0	1	1	1	1	1	1	1
22	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	3	0	0	0	1	1	1	1	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	1	1	0	0	1	3	2	2	2	2	2	2	1	1	2	2	3	1
25	4	2	3	2	1	2	2	3	6	2	2	2	2	2	2	5	2	2	2	3	4	4	2	2	3
26	2	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	1	2	2	2	1
27	1	2	2	5	2	4	5	8	3	3	2	2	1	1	1	2	1	1	1	2	2	2	2	2	2
28	2	2	1	2	2	3	5	7	6	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2
29	1	1	1	1	1	2	2	2	1	2	2	2	2	2	2	2	1	1	2	2	1	1	3	2	2
30	2	2	1	1	2	2	4	3	3	2	3	3	2	2	2	3	2	4	2	5	1	1	1	1	2
31	2	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	1	2	2	2
MEAN	2	2	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 120DB 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	2
2	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	5	3	3
3	4	3	3	3	3	2	2	2	2	2	3	4	5	6	5	5	6	5	5	4	4	3	3	3	4
4	2	2	2	1	1	1	2	2	1	2	2	1	2	2	2	2	1	1	1	2	1	1	1	2	2
5	1	1	1	1	1	1	2	****	2	11	6	3	3	3	3	3	2	2	3	3	3	3	4	3	3
6	5	6	7	6	5	4	4	4	4	3	3	3	3	3	3	3	2	2	2	2	3	5	3	3	4
7	3	2	2	2	2	2	2	3	2	2	3	3	3	3	3	3	5	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
9	4	5	3	3	2	2	3	2	2	2	2	2	2	****	5	2	2	2	2	2	2	2	2	2	2
10	2	1	1	2	1	2	2	2	2	2	2	2	2	3	2	2	3	3	2	2	2	2	2	2	2
11	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	-	2	2	2	2	2	2	2	2	2
12	2	2	2	5	2	5	7	5	3	5	2	2	2	2	2	2	2	2	****	6	2	2	2	2	3
13	2	4	2	2	2	2	2	2	2	2	3	2	2	2	3	3	3	3	4	3	3	3	3	2	3
14	2	2	2	2	2	2	2	2	2	2	3	****	3	3	3	3	2	2	2	2	2	3	2	2	2
15	3	2	2	2	2	2	3	3	3	2	2	2	5	2	2	2	2	2	2	3	3	3	3	3	3
16	3	3	3	2	2	2	2	4	5	3	4	5	3	3	3	2	2	2	2	3	2	2	2	3	3
17	3	3	2	2	2	4	4	3	6	2	2	2	2	2	2	5	4	1	2	2	2	2	3	2	3
18	4	3	5	5	3	4	3	4	3	3	2	2	2	2	2	2	2	2	2	****	2	1	2	2	3
19	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	****	2	2	2	2	2	7	2
20	2	1	1	1	2	3	4	6	3	2	5	2	2	2	2	2	2	2	2	3	3	2	3	2	2
21	2	2	2	2	2	2	3	3	4	3	5	3	3	2	2	3	2	2	4	2	****	3	2	2	3
22	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
24	1	1	1	1	1	2	4	6	6	3	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	5	6	7	8	4	4	2	2	5	2	3	2	2	2	2	2	1	2	2	3
26	1	4	1	2	2	2	3	4	7	3	3	4	3	2	2	2	2	2	2	2	3	3	4	5	3
27	5	4	4	3	3	7	9	11	3	8	2	2	2	1	2	2	2	2	2	2	3	2	2	2	4
28	2	2	1	1	1	3	1	2	2	1	1	1	2	1	2	2	2	1	2	3	3	3	3	3	2
29	3	4	2	2	2	3	3	3	4	3	3	6	3	1	1	1	1	1	2	2	2	2	2	2	2
30	2	2	2	4	2	2	2	2	2	3	3	4	3	2	4	2	2	2	2	2	2	2	1	1	2
MEAN	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2.5

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 120DB 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	2	3	3	2	2	3	3	3	3	4	3	2	3	2	2	1	1	1	2
2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	4	2	2	2
3	2	1	1	1	1	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
4	2	5	2	2	2	2	3	4	3	2	2	4	2	3	3	3	4	3	3	3	3	4	4	3	3
5	4	3	3	2	2	3	5	5	4	4	3	3	2	3	2	3	2	3	2	2	2	2	2	2	3
6	3	2	1	1	2	2	2	2	2	2	3	3	3	2	3	2	2	2	3	3	2	3	2	2	2
7	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	5	2	2	2	2	2
8	2	-	2	1	2	2	2	2	2	3	2	2	1	2	2	5	3	3	2	3	3	3	2	2	2
9	3	3	1	1	1	1	2	2	2	2	-	****	3	2	3	3	2	2	2	2	2	2	2	2	2
10	2	2	-	2	3	****	7	12	6	4	2	2	2	2	2	2	2	2	2	3	3	4	3	4	3
11	3	2	2	2	1	2	4	5	3	2	2	2	2	2	****	****	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	3	3	3	11	2	2	2	1	2	4	2	1	1	1	1	1	2	1	2
13	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	3	2	3	2	1
15	3	2	3	2	2	2	2	-	3	2	3	5	6	2	1	2	5	2	1	1	3	3	2	3	3
16	2	2	2	2	3	5	9	10	6	2	2	-	1	1	1	2	2	1	1	1	1	1	1	1	3
17	1	1	1	1	1	1	2	-	-	2	2	2	3	3	3	3	3	3	3	2	2	2	1	1	2
18	1	1	1	1	1	1	2	1	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	****	1	1	1	1	2	2	-	-	2	2	2	2	2	2	2	1
20	2	2	2	2	1	1	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	3	2	5	5	2	2	2	1	1	2
22	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
24	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	1	2	-	1	1	2
25	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	1	2	2	2	2
26	2	2	2	1	1	1	2	2	2	2	2	2	5	-	5	2	7	2	3	4	4	4	4	4	3
27	4	3	2	2	2	2	2	1	1	-	1	1	1	1	1	1	1	1	8	1	1	1	2	2	2
28	2	2	1	1	1	-	-	1	1	1	1	1	2	2	1	2	2	2	2	2	1	2	2	2	2
29	2	2	2	2	2	2	2	4	4	3	3	2	2	2	1	2	5	4	3	2	2	3	3	2	3
30	2	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	1	2	1	1	1	1	2
31	1	1	1	1	1	1	2	3	3	0	9	2	2	2	2	2	3	2	1	1	1	1	1	1	2
MEAN	2	2	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	1	1	1	5	2	1	****	****	3	4	4	3	3	3	3	2
2	3	3	3	3	3	3	4	6	4	9	2	2	2	2	2	2	2	2	3	2	3	3	2	2	3
3	3	6	3	3	2	2	2	3	3	3	3	3	2	3	3	2	3	2	2	2	2	2	2	-	3
4	2	2	2	2	2	2	1	2	2	2	2	2	3	3	3	3	2	3	3	3	3	3	2	3	2
5	3	2	2	2	2	2	3	4	5	2	2	2	2	2	1	2	3	3	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	3	4	2	2	2	2	2	2	2	3	3	3	2	1	1	1	1	2
7	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
8	1	1	1	1	1	-	****	1	6	1	2	2	4	3	2	2	3	3	2	3	2	2	3	3	2
9	2	3	3	2	3	3	3	4	3	3	3	3	4	4	3	3	5	5	4	-	3	3	3	2	3
10	2	2	2	2	1	1	1	2	2	2	2	3	3	3	3	****	3	3	3	3	3	2	2	4	2
11	2	2	-	2	1	1	1	1	1	2	2	2	-	2	2	2	2	2	2	3	3	3	2	3	2
12	2	2	2	-	2	2	3	4	4	3	2	2	2	3	3	3	3	3	3	3	4	4	4	4	3
13	3	3	2	2	2	2	3	4	5	4	4	4	3	2	2	3	3	3	2	2	2	2	2	2	3
14	2	1	1	1	2	2	2	3	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2
15	2	2	2	1	1	1	1	2	2	2	2	2	2	3	3	3	4	4	2	2	2	2	1	1	2
16	1	1	1	1	1	1	1	2	2	3	4	3	4	2	2	2	3	2	2	2	2	1	1	3	2
17	3	1	1	1	3	1	1	2	5	5	4	4	3	2	3	3	3	3	5	6	4	4	4	3	3
18	4	4	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3
19	2	2	2	2	2	2	2	4	4	3	****	****	2	1	1	2	2	2	2	1	1	1	2	2	2
20	2	2	1	2	1	2	3	4	5	4	3	3	2	2	2	2	3	5	3	2	2	1	1	1	2
21	1	1	1	1	1	1	1	1	2	1	2	2	2	3	2	3	4	-	6	6	5	2	1	2	2
22	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	3	3	2	2	2	2	2	2	2	2
23	1	1	2	2	2	2	2	2	3	3	3	3	3	3	4	4	5	4	3	3	3	3	2	3	3
24	2	2	2	2	2	2	2	2	4	3	2	2	2	2	2	2	2	3	3	3	3	****	2	2	2
25	3	2	2	2	2	2	2	2	2	3	3	2	2	3	3	2	2	2	2	2	2	2	3	3	2
26	2	2	2	2	1	1	1	2	3	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2
27	2	2	3	3	2	2	2	2	3	2	2	2	2	2	2	3	4	4	3	2	3	2	2	2	2
28	2	2	2	1	2	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	1	2	1	1	2
29	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	****	-	****	3	3	3	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2.3

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	****	4	3	3	3	3	3	3	3	3
2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3
3	2	2	2	3	3	2	2	3	3	4	3	3	3	3	3	3	****	3	3	2	3	2	3	4	3
4	3	2	2	3	3	2	3	4	5	4	4	3	3	3	3	3	3	4	4	3	3	3	3	3	3
5	3	2	2	2	2	2	2	2	3	2	2	3	3	3	4	3	4	3	3	3	3	3	3	3	3
6	3	3	3	4	3	3	3	4	6	8	3	2	3	2	2	3	3	3	2	2	1	2	2	2	3
7	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	****	1	1	1	1	2	1
9	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	2	2	3	2	3	2
10	4	2	2	2	2	2	3	5	5	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3
11	2	1	1	1	1	1	1	2	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2
12	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	1	1	1	1	1	1
13	1	1	D	D	D	0	1	1	2	1	2	2	2	1	2	2	2	2	2	2	1	1	1	1	1
14	1	1	D	0	D	0	1	1	1	2	****	2	2	****	2	****	3	3	3	3	3	3	4	4	2
15	3	3	2	2	2	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	1	2	2	2	2	2	3	2	3	2	1	2	1	1	1	1	1	1	1	1	2
17	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
18	1	1	1	2	3	1	2	4	5	4	5	4	4	3	2	3	4	3	3	2	2	2	2	2	3
19	2	2	2	2	2	2	2	3	5	4	4	4	4	4	4	5	4	4	3	4	5	3	2	2	3
20	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	3	3	3	3	3	3	3
21	3	3	2	2	2	2	2	4	****	2	3	2	2	2	3	3	4	3	3	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3	2	2	3	3	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3
25	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	4	5	2	2	2	2	3	3	2	2	3	3	2	2	2	2	2
28	2	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	2	2	3	2	2	2	2	2	2
29	2	2	2	2	1	1	1	2	3	3	2	3	3	2	2	3	3	2	4	4	4	4	3	4	3
30	3	3	2	3	3	2	2	2	2	2	3	2	3	2	2	2	2	2	2	2	2	2	1	1	2
31	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	2	2	2	2	3	3	2	-	2
MEAN	2	2	2	2	2	1	2	2	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.9	3	8
FEB	28	1.6	3	11
MAR	31	2.4	4	13
APR	30	1.9	3	9
MAY	31	1.9	3	9
JUN	30	1.3	3	8
JUL	31	2.2	3	11
AUG	31	1.8	3	8
SEP	30	2.5	4	11
OCT	31	2.0	3	12
NOV	30	2.3	3	9
DEC	31	2.1	3	8
YEAR	365	2.0	4	13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	242	460	22	0	0	0	724
FEB	412	213	35	4	0	0	664
MAR	79	570	79	2	0	0	730
APR	238	417	49	1	0	0	705
MAY	304	370	53	1	0	0	728
JUN	483	173	43	0	0	0	699
JUL	179	467	70	3	0	0	719
AUG	261	433	44	0	0	0	738
SEP	79	543	87	3	0	0	712
OCT	267	408	44	5	0	0	724
NOV	125	514	63	1	0	0	703
DEC	177	507	52	0	0	0	736
YEAR	2846	5075	641	20	0	0	8582

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
98.0	0	0.2	0.9	1.4	1.8	2.8	3.7	4.8	5.7	13	2.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	-	-	-	0	0
3	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	****	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	1	1	1	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	****	0	0
11	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	1	1	-	-	-	1	2	2	1
12	1	0	0	0	0	0	0	2	1	1	0	1	0	0	0	0	1	1	-	-	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	****	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0
16	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	****	****	****	****	****	****	****	****	0
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	******
18	0	0	0	0	0	0	0	0	0	0	-	-	****	0	0	0	2	1	1	1	0	0	1	1	0
19	1	0	0	0	0	0	0	1	2	1	0	0	-	1	0	0	1	1	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0
21	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	-	0	0	0	0	0	0	0	****	0	0	0	****	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	1	1	0	****	0	0	0	0	0	1	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	-	****	0	0	0	0	1	1	1	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0
28	0	0	0	0	****	****	****	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 92.6 PERCENTAGE OF DATA INVALID - 5.5 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	3	4	6	9	7	1
3	5	4	3	2	1	1	2	3	2	2	1	1	1	1	1	1	0	1	0	0	0	0	0	0	1
4	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	1	0	1	0
6	1	1	0	0	0	1	1	2	2	****	1	1	0	0	0	0	1	0	0	1	0	0	0	0	1
7	0	0	0	0	0	0	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	1	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	1	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	****	3	1	1	2	1	0
14	0	0	0	0	0	0	0	1	1	0	0	****	****	0	0	0	1	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	****	0
19	0	0	0	0	0	0	0	3	3	****	****	0	0	0	0	0	0	1	1	0	0	1	1	1	1
20	1	1	1	1	0	1	2	3	2	2	2	1	1	1	1	0	1	0	1	1	1	1	0	1	1
21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	****	****	****	****	0	0	0	0	0	0	1	1	1	1	2	1	1	2	1	1	1	1	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	****	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	2	1	0
28	1	1	1	0	0	1	1	2	2	2	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1
MEAN	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0.3

PERCENTAGE OF DATA VALID - 96.7 PERCENTAGE OF DATA INVALID - 2.5 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INDICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	1	2	2	1	1	1	1	****	***	1	1	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	****	-	****	****	****	****	****	****	******
3	****	****	****	****	****	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	0	0	0	******
5	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	0	0
7	-	****	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
8	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	****	0	0	0	****	0	0	0	0	0	0	0	0	-	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	1	0	****	4	0	0	0	0	0	0	-	****	0	0	****	0	1	0
21	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
23	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	****	****	1	0	1	0	0	0	0	0	0	0	0
29	0	0	0	0	****	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
30	0	0	0	0	0	0	0	1	-	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
31	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 93.8 PERCENTAGE OF DATA INVALID - 5.4 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	1	2	1	****	1	****	****	1	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0
4	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0
5	0	0	0	0	0	****	0	0	-	-	****	0	0	0	0	1	****	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
11	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	****	0	0	****	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	****	0	0	0	0
18	0	0	0	0	0	0	0	0	0	****	0	****	-	-	0	0	0	0	0	0	0	0	0	0	0
19	1	1	1	0	0	0	1	1	0	0	0	0	0	1	0	0	****	0	0	0	0	0	1	2	0
20	3	4	2	2	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
21	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	1	0	0	0	1	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	1	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1
24	1	1	1	0	0	1	1	2	1	0	0	****	1	1	0	****	0	0	0	1	0	0	0	0	1
25	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1
26	0	0	0	0	0	0	0	1	1	0	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	1	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0
30	****	****	****	****	****	0	0	0	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	******
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 95.0 PERCENTAGE OF DATA INVALID - 4.2 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	0	0	****	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	1	1	1	1	1	1	1	1
4	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1
5	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
7	0	1	1	0	1	1	2	1	1	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
17	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	0
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	******
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	****	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
28	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	1	0	4	4	0
29	3	1	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 86.7 PERCENTAGE OF DATA INVALID - 13.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	1	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	****	3	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0
8	0	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	1	0	0	0	0	1	1	1	1	0
12	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	1
13	2	2	1	1	1	3	2	2	****	****	0	0	0	0	0	1	1	1	0	0	0	1	0	1	1
14	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0
15	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
17	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
20	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	0	1
21	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	0
22	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0
26	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	2	0
27	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0
28	0	0	0	0	0	0	0	0	****	0	0	0	0	0	1	0	0	0	0	0	1	1	0	1	0
29	1	1	0	0	0	0	1	1	0	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1
30	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	7	4	1
3	3	3	3	1	0	0	0	1	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	1	1	1	0
6	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	3	0
7	4	4	5	4	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
8	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	3	2	1	0
9	0	0	0	0	0	0	1	1	****	1	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0
10	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	2	1	0	1	0
11	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0	1	0	1	1	1	1	2	2	1
12	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	2	4	2	1
13	1	1	1	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0
14	1	2	2	1	1	0	0	0	0	0	0	1	0	1	1	1	1	1	1	0	1	1	1	1	1
15	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	1	1	1	2	4	4	1
16	1	1	0	0	0	0	0	0	0	0	0	0	****	0	0	1	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0
18	0	1	1	1	1	1	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	1	0	1	0	0	******
24	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
25	0	0	0	1	0	1	1	1	****	****	****	0	0	1	1	1	0	0	1	1	1	1	0	0	1
26	0	0	0	0	0	0	0	****	0	0	0	1	0	0	0	0	0	0	0	0	1	1	2	2	0
27	1	1	1	1	1	1	2	****	1	1	0	0	0	0	0	0	0	1	1	1	2	0	0	0	1
28	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	2	1	2	2	1
29	3	2	2	1	2	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
30	0	1	1	1	1	1	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1
31	0	0	0	0	0	0	0	1	1	0	****	1	1	1	0	1	0	****	0	0	1	0	1	1	0
MEAN	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0.5

PERCENTAGE OF DATA VALID - 82.3 PERCENTAGE OF DATA INVALID - 17.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	1	1	1	1	0	****	****	0	0	0	0	0	1	1	1	1	1	1	1	1
2	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
3	0	1	1	1	2	1	1	1	0	0	1	1	1	1	1	1	1	2	2	1	1	1	1	0	1
4	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1
5	1	1	1	1	2	0	0	0	0	0	0	0	1	0	1	1	1	1	2	1	1	1	0	0	1
6	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0
7	1	0	0	0	1	0	1	1	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0
8	1	0	****	0	0	0	1	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	1	1	2	1	0	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1
10	1	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	1	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
12	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0
13	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	1	1	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	1	0	1	0	0
16	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	****	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1
18	1	1	1	0	1	0	0	1	1	1	1	1	0	1	1	1	1	1	1	2	1	1	0	0	1
19	1	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1
20	1	1	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0
21	0	0	0	0	0	1	1	1	****	****	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0
22	1	1	1	0	1	1	2	1	1	****	****	****	****	****	****	0	0	0	0	1	0	1	0	0	1
23	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1
24	0	0	0	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
26	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1
27	0	0	0	0	0	0	1	1	1	1	1	1	****	****	0	1	1	0	1	1	1	1	1	1	1
28	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	0	1	1	1
29	0	0	0	0	1	1	1	1	0	****	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
31	0	0	0	0	0	1	1	1	1	****	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0
MEAN	0	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0.5

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 3.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
5	0	0	0	0	0	0	1	1	0	1	0	1	0	0	0	1	1	0	1	1	2	1	1	1	1
6	1	1	0	1	0	0	1	1	1	1	0	1	0	0	0	1	1	1	1	1	1	2	1	0	1
7	0	0	0	0	0	0	1	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	1	1	1	1	1	0	1	0	0	0	0	0	1	1	2	3	2	4	1
9	3	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0
10	1	0	0	1	0	1	0	0	1	****	****	****	****	****	****	****	****	****	****	0	0	1	1	0	******
11	****	****	****	****	0	0	1	1	1	1	1	1	0	****	****	****	****	****	****	****	1	1	1	1	******
12	0	0	0	0	0	1	2	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
13	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	1	0	0	0	0	0	0
15	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1
17	1	2	2	1	2	2	2	1	1	****	****	0	0	1	0	1	0	0	1	1	1	1	1	1	1
18	1	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	1	1	1	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	2	3	3	2	2	2	1
20	1	1	1	1	1	1	1	2	1	1	1	0	1	0	1	0	0	0	1	0	0	1	1	1	1
21	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1
25	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
26	0	0	0	0	0	1	1	1	1	****	0	0	0	0	0	0	1	1	2	2	1	1	1	1	1
27	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	1	1	1	1	1	1	0	0	0	****	0	0	0	0	0	1	1	1	1	0	0	0
29	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0.4

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 3.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	0	1	1	0	1	1	1	****	1	1	1	0	1	1	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0
5	0	0	0	0	0	0	1	2	1	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	2	2	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
10	0	0	0	0	0	0	2	2	2	1	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	1	1	1	2	2	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
16	0	0	0	0	0	0	1	6	2	1	1	1	0	0	****	1	1	1	1	1	1	1	1	1	1
17	1	1	0	0	0	0	1	1	1	0	1	1	1	1	0	0	0	0	0	0	2	1	1	0	1
18	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
19	0	0	0	1	1	1	1	1	1	1	****	1	0	0	1	1	1	1	0	0	0	0	0	0	1
20	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	0	0	0	1
21	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	1	2	1	1	0	0	0
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1
23	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
27	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
28	1	1	1	1	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	1	1	1	****	0	0	1	1	1	1	2	2	1	1	1	1	1
30	1	0	0	0	0	0	1	2	2	1	1	1	1	1	0	0	1	1	1	1	1	0	1	1	1
31	0	0	0	0	0	0	1	1	1	1	1	****	****	0	0	0	1	1	1	1	1	1	1	1	1
MEAN	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0.5

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	0	0	1	0	0	1
2	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
3	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
4	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
5	1	0	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
6	1	1	1	1	1	1	2	3	****	1	1	1	1	****	1	1	1	1	1	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	0	0	0	1	1	1	1	1	0
8	1	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	2	2	2	1	****	****	1	1	1	1	1	1	1	1	1	1	1	0	1
10	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0
11	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	1	2	4	3	1	1	1	0	0	1	1	1	2	3	5	3	5	2	2	2
13	1	0	1	1	1	1	2	4	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
14	0	0	0	0	1	1	1	1	1	1	1	1	****	****	****	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	****	0	****	1	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	1	0	1	1	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	1	1	2	0
18	2	2	3	3	2	2	1	1	0	0	0	0	0	0	1	1	1	2	2	2	1	0	0	1	1
19	1	0	0	0	0	0	1	4	3	3	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
20	1	0	0	0	0	0	0	0	0	1	0	0	0	****	0	0	1	1	1	1	0	1	0	0	0
21	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	0	1	1	0	1
22	0	0	1	1	1	1	0	1	1	1	****	1	1	1	1	0	1	0	1	1	1	1	1	0	1
23	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	1	2	0	0	0	0	0	0	0
24	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	2	2	2	1	2	2	1	2	2	1	1	1	1	1	1	1	1
26	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	****	1	1	2	2	1	2	1	2	1
28	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	0	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1
2	1	1	0	0	0	0	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	****	1	1	1	1	1	1	0	1
4	1	0	0	1	0	1	1	1	2	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1
5	1	1	1	0	1	0	1	1	1	0	0	1	0	0	****	1	1	0	1	1	1	0	0	0	1
6	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0
7	1	0	0	1	0	0	0	0	1	1	1	****	0	0	1	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0
9	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	1	2	2	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0
11	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	1	0	****	****	0	****	0	****	0	0	1	1	0	0	0	1	0
15	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
18	0	0	1	1	0	0	0	0	1	0	4	1	0	1	0	0	1	2	1	0	0	0	0	0	1
19	0	0	0	0	0	0	1	2	1	1	0	1	****	0	0	1	1	1	1	1	1	1	1	1	1
20	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	1	1	1	2	2	2	2	1	1	1
21	1	1	1	0	0	0	0	2	2	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	1
22	1	1	0	0	1	1	1	1	1	1	0	0	1	0	1	1	1	1	0	0	0	0	1	0	1
23	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	****	****	0	0	****	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	****	****	****	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	-	0
MEAN	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	0.1	1	2
FEB	28	0.3	1	9
MAR	29	0.1	1	4
APR	29	0.1	1	4
MAY	27	0.2	1	4
JUN	30	0.2	1	3
JUL	25	0.5	1	11
AUG	31	0.5	1	2
SEP	28	0.4	1	4
OCT	31	0.5	1	6
NOV	30	0.7	2	5
DEC	31	0.3	1	4
YEAR	349	0.3	2	11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	682	7	0	0	0	0	689
FEB	616	28	5	1	0	0	650
MAR	693	4	1	0	0	0	698
APR	674	9	1	0	0	0	684
MAY	639	4	2	0	0	0	645
JUN	693	11	0	0	0	0	704
JUL	572	30	9	1	0	0	612
AUG	706	9	0	0	0	0	715
SEP	661	30	1	0	0	0	692
OCT	710	24	1	0	0	0	735
NOV	656	45	5	0	0	0	706
DEC	709	12	1	0	0	0	722
YEAR	8011	213	26	2	0	0	8252

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
94.2	0	0.0	0.0	0.0	0.0	0.7	0.9	1.4	1.9	11	0.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	****	1	1	0	0	0	1	1	1	1	0	0	-	-	-	0	0
3	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	****	2	1	0	0	0	0	0	1	0
4	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0
5	1	1	0	0	0	0	0	0	0	0	0	0	1	****	1	2	2	2	2	1	1	1	****	2	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	2	1	1	1	1	1	1	1
7	0	1	1	1	0	1	1	1	1	1	1	1	0	1	0	0	0	0	1	1	1	0	0	0	1
8	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	1
9	1	0	1	0	0	0	0	1	1	****	****	0	1	0	1	1	2	1	1	0	0	0	1	1	1
10	0	0	0	0	0	0	1	1	2	2	1	1	1	****	0	0	1	1	0	1	0	1	****	0	1
11	0	0	0	0	0	0	2	6	11	6	2	1	1	1	0	1	1	2	-	-	-	4	3	2	2
12	1	0	0	0	0	0	1	1	2	0	0	1	1	1	0	1	1	2	-	-	1	2	6	4	1
13	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	2	6	2	1	1	1	1	****	1	1
14	1	1	1	1	1	1	0	0	0	0	****	****	****	****	****	****	****	****	****	0	****	0	0	0	******
15	0	0	****	****	****	0	0	1	1	1	0	0	1	2	1	1	1	1	1	1	0	0	2	5	1
16	0	0	****	****	1	1	1	2	2	2	1	1	****	5	1	1	1	3	3	4	2	3	2	2	2
17	1	1	0	0	0	0	1	1	1	1	1	2	3	1	1	1	1	1	1	0	0	0	0	0	1
18	0	0	0	0	0	0	0	1	0	0	-	-	0	0	0	0	1	1	1	2	1	1	1	1	0
19	1	2	1	0	0	0	1	2	2	1	1	1	-	1	****	0	1	0	1	1	1	1	4	1	1
20	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	4	1	1	1	1	1	3	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	-	0	0	0	0	1	0	0	0	0	0	1	****	0	0	0	0	1	2	0
23	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	-	-	****	0	1	0	1	1	1	1	1	2	1	1	1	1	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	1	1	0	1	1	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	2	0	0	1	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	0	1	2	1	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	-	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	1	1	1	0	0	1	1	0	1	1	1	1	1	0	1	1	1	0.6

PERCENTAGE OF DATA VALID - 94.1 PERCENTAGE OF DATA INVALID - 3.9 PERCENTAGE OF DATA UNAVAILABLE - 2.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	1	2	1	0	0	0	0	0	****	1	1	1	2	1	1	2	3	4	1
3	9	9	5	3	2	3	3	3	2	2	2	2	1	0	0	1	3	2	1	2	1	1	2	1	3
4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	1	6	0	0	1	0	0	1	-	1	1	1	1	1	3	3	1
6	1	1	1	1	1	1	2	3	2	2	1	1	1	1	1	1	2	1	1	1	0	1	1	1	1
7	1	1	1	1	1	1	1	2	2	1	1	0	0	0	0	0	1	1	2	1	0	0	0	0	1
8	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
9	0	0	0	0	0	0	1	1	1	0	1	0	0	0	****	0	0	1	1	1	1	0	1	1	0
10	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
11	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	1	0
12	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
13	0	0	0	0	0	0	0	0	1	0	0	0	0	****	1	0	0	0	****	1	1	1	1	1	0
14	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	1	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	2	0
17	-	1	0	0	0	0	0	0	0	0	0	1	0	-	0	0	2	0	1	1	1	1	6	2	1
18	1	2	0	0	0	0	0	0	0	0	0	0	1	3	2	2	2	1	1	0	-	0	0	****	1
19	0	0	0	0	0	0	0	4	2	2	2	0	0	0	****	****	0	1	1	1	1	1	3	3	1
20	0	0	0	0	0	0	1	2	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0
22	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	9	3	3	2	2	1	1	4	3	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	2	1	3	1	1
28	3	2	2	1	1	1	2	5	4	2	3	1	2	1	2	2	3	2	2	3	3	3	5	2	2
MEAN	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0.6

PERCENTAGE OF DATA VALID - 97.5 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	6	4	4	2	3	2	1	1	0	1
2	0	0	0	0	0	****	0	1	0	0	0	0	0	1	0	****	4	-	****	1	1	1	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0	1	0	0
6	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	2	2	2	1	1	1	1	2	2	1
7	1	1	1	0	0	1	1	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0
8	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
9	1	2	1	2	2	3	3	4	3	1	1	0	1	0	0	0	1	1	1	1	1	1	1	2	1
10	0	0	0	0	0	0	0	0	0	0	1	1	2	0	1	1	4	1	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	1	1	0	0	-	1	0
13	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	****	****	****	0	0	0	0	0	0	0	0	0	0	****	****	2	1	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	1	0	****	0	0	0	0	0	0	0	0	1	2	2	2	3	2	1
16	1	0	0	0	0	-	0	1	1	1	1	1	1	****	1	1	1	1	2	2	1	1	2	1	1
17	1	1	0	0	0	0	2	2	2	1	1	1	1	1	1	1	1	1	2	3	2	1	6	2	1
18	1	5	4	2	0	0	0	1	1	1	1	0	1	0	1	1	0	0	1	1	1	1	1	0	1
19	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0
20	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	-	****	2	3	****	8	7	1
21	3	1	0	0	0	0	4	4	2	1	1	0	0	0	0	0	0	1	1	2	1	2	6	4	1
22	3	2	2	0	1	2	3	4	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1
23	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	3	1	0	0	0	0	1	0	0
25	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	1	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
28	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	1	0	0	0	0	****	0	0	1	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	-	0	0	1	1	1	0	0	1	1	1	1	0	0	0	1	0
31	0	0	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	0.5

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	2	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	***	0	0	0	0	0	0	0	0
5	0	0	0	0	0	***	0	0	-	-	****	0	1	0	0	1	1	1	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	****	0	0	****	0	0	1	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0
8	1	1	0	0	0	0	0	0	0	0	0	0	0	2	3	3	2	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	1	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	****	0	1	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	2	0	0	1	1	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	****	-	-	0	0	0	0	0	0	0	0	1	1	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	1	0	0	1	1	0
20	1	2	2	2	1	1	2	3	1	0	0	0	0	0	0	0	1	0	1	0	1	1	2	2	1
21	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1	1	0	0	1	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4	0
23	2	1	0	0	0	0	1	2	1	***	0	0	0	0	0	0	1	1	1	2	2	2	5	3	1
24	1	0	0	0	0	0	0	1	0	0	0	****	0	0	0	0	0	0	0	0	0	1	1	0	0
25	0	0	0	0	0	***	0	0	0	0	0	0	0	0	0	0	1	1	2	4	3	1	1	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	1	1	1	0	1	0	1	1	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	1	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0.2

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF DATA INVALID - 2.1 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1	2	1	0
2	1	0	0	0	0	1	2	1	0	1	0	1	1	0	0	0	0	0	0	0	0	1	2	0	0
3	0	0	0	0	0	0	0	0	0	0	0	1	****	1	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1	1	-	0	0	0	1	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0
8	0	0	0	0	0	0	1	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	2	5	0	1
10	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	1	1	0	0	0	****	0	0	1	0	0	1	0	1	1	2	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	1	2	1	0	0	****	0	0	0	0	0	0	0	1	0	1	1	0	0	0
15	0	0	0	0	0	0	1	1	****	7	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	2	0
17	-	0	0	****	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	2	1	****	0	0	0	0	1	1	1	0	0	0	1	2	3	1	0	1
19	0	0	0	0	0	0	0	0	1	****	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
21	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	1	1	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	****	0
23	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
25	0	0	0	0	-	****	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	4	1	1
27	3	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
28	1	1	1	1	1	2	2	3	2	1	1	1	1	0	1	1	1	1	1	0	1	2	1	1	1
29	2	2	2	2	1	2	4	5	5	2	1	0	1	1	1	1	1	0	0	2	2	2	4	2	2
30	1	1	1	0	0	1	1	1	1	0	0	0	0	0	1	1	0	1	1	0	2	3	3	3	1
31	2	1	0	0	1	1	2	1	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0.3

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	****	0	0	-	-	0	0	1	1	1	1	1	0	0	0	0
2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2	2	0	0
3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
4	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	1	0	0
5	0	0	0	0	0	0	0	0	****	****	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0
7	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	1	1	2	1	2	0	0
9	0	0	0	0	****	****	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	1	1	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	-	-	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	1	0
13	1	0	0	0	0	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1
14	1	1	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	****	****	****	****	0	0	0	1	0	0	1	1	4	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	2	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	****	0	****	1	0	1	1	1	1	0	1	2	2	0	0
19	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
21	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	****	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	1	0	0	1	9	3	1
26	1	0	0	0	0	0	1	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0
29	1	0	0	0	0	0	1	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	-	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0.2

PERCENTAGE OF DATA VALID - 95.4 PERCENTAGE OF DATA INVALID - 3.3 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1	1	1	0
7	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0
8	2	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	****	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	1	0	0	0	-	0	0	0	0	0	0	0	0	1	3	3	3	0
11	1	0	0	0	0	0	1	1	1	0	0	0	0	****	0	0	0	0	1	2	1	0	1	0	0
12	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0
13	0	1	1	0	0	0	1	1	0	0	****	0	0	0	0	0	0	0	0	0	1	1	0	0	0
14	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	1	1	0	1	0	0	1	0	****	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
17	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
19	0	1	0	0	0	1	2	2	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	1	1	2	4	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	1
21	****	3	2	1	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1
22	1	0	0	0	0	0	-	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0
23	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	****	****	0	0	0	0	0	0	0	****	0	****	****	****	4	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	****	1	0	0	0	0	0	0	1	0
27	1	0	0	0	0	0	0	0	0	0	0	0	1	-	0	4	9	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
30	1	1	1	1	0	1	1	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
31	0	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 3.5 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	****	0
2	0	0	0	0	0	1	1	1	0	0	0	0	0	****	0	0	0	0	0	1	2	1	0	0	0
3	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	****	0	0	****	0	0	0	0	0	0	0	0	****	0	0	0
8	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	****	1	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	****	****	****	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
13	0	0	0	0	0	1	1	1	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	1	1	0	0	0	1	0	1	0	0	0	0	0	1	1	1	1	0	0	0
17	0	0	0	0	0	0	1	1	0	0	0	0	0	****	0	0	0	0	0	0	0	****	0	0	0
18	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	1	1	1	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
20	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0
21	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
22	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
24	****	****	0	0	****	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	1	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	2	2	1	0	0	0	0	0	****	0	0	0	0	0	1	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 3.4 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	****	****	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
5	0	0	0	0	0	0	1	0	0	****	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	1	0	0	0	1	1	1	0	0	0
7	0	0	0	0	0	0	1	1	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1	0
9	1	0	0	0	0	0	0	0	0	0	0	0	1	****	0	0	0	0	0	1	1	1	0	0	0
10	0	0	0	0	0	0	0	0	****	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	1	1	1	0	0	0
12	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
14	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0
15	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	2	2	4	4	3	2	1	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	2	1	2	0	0	0
17	0	0	0	0	0	0	3	2	1	0	****	0	1	0	0	0	0	0	1	0	0	0	0	0	0
18	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	2	0	0	****	0	0	0	0	0
19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	****	1	1	0	0	1	1	0
20	0	0	0	0	0	0	3	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
21	0	0	0	0	0	0	1	1	1	0	0	0	5	****	0	0	0	0	0	0	****	0	0	0	0
22	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
24	0	0	0	0	0	0	1	1	****	****	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
25	0	0	1	0	0	2	6	6	4	1	0	0	0	0	0	1	1	0	1	1	3	5	7	5	2
26	0	0	0	0	0	1	4	3	1	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1
27	1	0	0	0	0	1	4	3	2	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1
28	0	0	0	0	0	0	1	0	0	0	0	0	0	0	****	0	0	0	0	1	0	0	1	1	0
29	3	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	1	1	1	1
30	3	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0.3

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 2.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	0	0	0	0	0	0	****	0	0	0	0	1	0	0	1	-	0	0
2	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0
5	0	2	0	0	0	1	3	3	1	1	****	****	0	0	0	0	0	0	1	0	0	1	1	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
8	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	0	0
9	0	0	0	0	0	0	0	0	0	0	-	****	0	****	0	1	1	0	1	1	1	1	1	1	0
10	1	1	-	0	0	****	3	4	2	0	0	0	0	1	1	1	1	1	1	1	1	3	3	1	1
11	0	0	0	0	0	1	5	5	3	1	0	0	0	9	****	1	1	1	0	0	0	0	0	0	1
12	0	0	0	0	0	0	1	2	1	1	0	1	1	2	2	2	2	3	1	0	0	1	1	0	1
13	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	1	1	1	1	1	0	2	1	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	1	0	0	0
15	0	0	0	0	0	0	2	-	1	****	1	1	1	1	1	1	1	2	3	2	1	2	3	1	1
16	1	1	0	0	0	1	2	1	1	0	0	-	0	0	1	1	1	1	1	0	0	0	1	0	1
17	0	0	0	0	0	1	2	-	-	2	2	2	2	2	1	2	2	2	2	1	0	1	0	0	1
18	1	0	1	1	1	2	4	4	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1
19	0	0	0	0	0	1	2	2	1	0	2	2	1	1	2	-	-	2	2	1	2	2	2	1	1
20	2	1	0	0	0	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1
21	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
22	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1
23	1	0	0	0	0	1	1	1	2	1	1	1	2	2	2	2	2	2	1	1	2	2	1	1	1
24	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	2	2	1	1	-	2	1	1
25	1	1	1	1	1	1	1	2	1	1	1	2	1	1	2	1	2	1	1	1	1	1	1	1	1
26	1	0	0	0	0	1	2	2	1	1	1	1	-	-	1	1	1	1	1	1	1	2	2	1	1
27	1	0	0	0	0	0	1	1	1	6	0	0	0	0	0	1	1	0	0	2	0	1	0	6	1
28	1	1	0	0	0	0	0	0	0	1	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	2	1	1	1	2	2	5	3	1
30	1	1	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	0	0	0	1	1	1	0	1	0	0
MEAN	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	****	1	1	0	0	0	1	0	1	0
2	0	0	0	0	0	0	0	1	1	0	1	0	1	1	1	1	1	2	2	2	2	3	3	2	1
3	1	1	1	0	0	0	1	1	1	1	1	0	1	0	0	0	1	1	0	0	0	1	1	-	1
4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	2	2	0
5	2	0	0	0	0	0	1	3	2	0	0	0	0	0	1	1	2	2	1	1	1	2	4	2	1
6	1	0	0	0	0	0	0	3	3	3	3	5	2	2	2	2	3	3	3	3	1	0	0	0	2
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	3	1	0
8	0	0	0	0	0	-	****	0	0	0	0	0	0	0	3	4	1	3	2	2	1	1	1	1	1
9	1	1	1	1	1	1	1	2	1	0	0	0	0	0	1	1	1	1	1	-	1	2	4	3	1
10	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	****	2	2	1	0	1	0	0	0	0
11	0	0	-	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	-	0	0	2	4	2	0	0	0	0	0	0	0	0	1	1	2	2	2	3	2	1
13	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	1	0	0	0
14	0	0	0	0	0	0	0	1	1	0	0	0	****	****	****	****	****	2	1	2	1	2	4	3	1
15	1	1	0	0	0	0	1	2	2	1	1	1	2	1	2	1	2	2	2	1	1	1	0	0	1
16	0	0	0	0	0	0	1	2	2	1	1	1	1	1	9	1	2	2	1	1	1	1	1	2	1
17	1	1	0	0	0	0	0	1	2	1	1	1	1	1	1	1	4	4	4	8	10	10	16	8	3
18	7	11	8	6	5	4	3	3	3	2	1	1	1	2	1	1	1	1	1	2	1	1	1	0	3
19	0	0	0	0	0	0	2	4	4	2	****	****	1	1	1	2	2	2	1	0	1	0	1	1	1
20	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0	1	1	1	0	1	1	1	1	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	-	0	1	0	0	1	1	0
22	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	-	1	1	1	1	1	2	1	1	1	1	1	1	1	1
24	1	-	0	0	0	0	0	1	1	1	1	1	1	1	1	1	3	1	2	2	2	****	2	2	1
25	3	7	2	1	1	0	0	0	0	1	1	1	1	2	2	2	1	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	1	0	1	0	1	0	6	****	1	0	0	0	0	0	1	0	0
27	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	2	2	1	1	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	1	0	0	0	****	****	****	****	-	****	****	2	2	2	2	2	1
30	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	3	2	2	3	3	2
MEAN	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1	0.9

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 2.5 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	2	1	1	1	1	1	2	2	2	2	2	2	1	****	2	2	2	2	2	1	1	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	1
3	1	1	1	1	1	1	2	3	3	2	1	1	1	1	3	1	****	1	0	0	0	0	2	1	1
4	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	2	3	1	1	0	0	0	0	0
5	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0	2	0	0
6	0	0	0	0	0	0	0	2	1	1	0	0	0	1	1	3	2	2	1	1	0	0	1	1	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	1	****	1	1	1	1	1	0	1	0	1	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	3	2	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	2	4	2	0	0	0	0	1	1	1	2	1	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	****	0	0	****	****	****	1	1	1	1	1	2	1	4	1
15	2	2	1	1	0	0	0	1	1	1	0	1	1	0	1	1	4	4	1	0	0	0	1	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0
21	0	0	0	0	0	0	1	2	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	1	2	2	1	1	0	1	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	1	1	1	1	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0
MEAN	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	0	0.4

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY ANO 2-HOURLY DATA FOR 1979

POLLUTANT - CARBON MONOXIOE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNOS KING/RECTORY,LONOON

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM REAOING
JAN	30	0.6	2	11
FEB	2B	0.6	3	9
MAR	31	0.5	1	B
APR	30	0.2	1	B
MAY	31	0.3	2	7
JUN	30	0.2	1	9
JUL	31	0.2	1	9
AUG	31	0.1	0	2
SEP	30	0.3	2	7
OCT	31	0.7	1	9
NOV	30	0.9	3	16
OEC	31	0.4	2	4
YEAR	364	0.4	3	16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY OISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIOE UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNOS KING/RECTORY,LONOON

MONTH	00 TO 01	02 TO 03	04 TO 0B	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	636	49	14	1	0	0	700
FEB	577	66	9	3	0	0	655
MAR	651	51	16	0	0	0	71B
APR	669	26	4	0	0	0	699
MAY	674	39	7	0	0	0	720
JUN	668	17	1	1	0	0	687
JUL	688	21	3	1	0	0	713
AUG	712	6	0	0	0	0	71B
SEP	667	19	12	0	0	0	69B
OCT	625	89	B	1	0	0	723
NOV	55B	109	20	4	1	0	692
OEC	679	50	5	0	0	0	734
YEAR	7804	542	99	11	1	0	8457

FREQUENCY OISTRIBUTION BY PERCENTILES

PERCENT OF OATA VALIO	CONCENTRATIONS FREQUENCY OISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	9B	99	MAX	ARITH MEAN
96.5	0	0.0	0.0	0.0	0.0	0.9	1.5	2.5	3.5	16	0.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWYS9 MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9	-	-	-	-	-	-	-	-	-	-	-	-	-	****	****	****	0	0	0	0	0	0	0	0	******
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	1	1	0	0	0	1	1	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	1	1	1	1	1	0
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	0	****	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
23	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	1	****	0	0	0	0	0	0	0	0	0	0	0
25	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	1	1	1	1	1	2	2	2	****	-	1	2	1	1	1	1	1	1	1	1	1	1
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 68.0 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 30.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWYS9 MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	2	1	1	1	1	1	1	****	1	0	0	0	0	0	0	1	0	0	1	1	0	1
2	1	1	1	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	****	****	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	1	1	1	1	1	1	1	****	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	0	0	1	1	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	1	0	0	0	0	****	1	1	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWYS9 MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	****	-	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	-	0	1	1	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	1	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	1	1	1	1	1	0
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1
27	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	-	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWYS9 MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	-	-	1	1	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	1	1	0	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	0	0
19	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	-	-	0	1	1	1	1	1	1	1	1	0	0	0	0	0
21	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	1	1	1	-	0	1	1	0	0	0	0	0	0	0	0	0	1	0
23	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
29	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	-	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	-	1	0	0	0	0	0	0	0	0	0	0	1	0
16	1	1	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	1
17	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	-	1	0	0	0	-	-	-	-	-	-	-	-	-	******
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 60.7 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 38.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	******
3	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	0
8	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 91.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 8.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWYS9 MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWYS9 MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	1	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0
24	- DATA UNAVAILABLE -																								
25	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	******
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0
28	-	-	-	-	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	******
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 91.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 8.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	5	5	6	6	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	0	0	0	1	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	1	2	1	1	1	1	1	2	1	0	0	1	-	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	1	1	0	0	0	0	1	0
22	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	-	1	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0
25	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0
30	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB	19	0.2	1	2
MAR	31	0.1	1	2
APR	30	0.1	1	1
MAY	31	0.1	0	1
JUN	18	0.1	1	1
JUL		DATA UNAVAILABLE		
AUG	29	0.0	0	1
SEP	30	0.0	0	1
OCT	28	0.0	0	1
NOV	30	0.1	1	6
DEC	31	0.0	0	2
YEAR	277	0.1	1	6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWYS9

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN		DATA UNAVAILABLE					
FEB	453	4	0	0	0	0	457
MAR	729	2	0	0	0	0	731
APR	712	0	0	0	0	0	712
MAY	733	0	0	0	0	0	733
JUN	437	0	0	0	0	0	437
JUL		DATA UNAVAILABLE					
AUG	684	0	0	0	0	0	684
SEP	714	0	0	0	0	0	714
OCT	682	0	0	0	0	0	682
NOV	697	2	4	0	0	0	703
DEC	730	1	0	0	0	0	731
YEAR	6571	9	4	0	0	0	6584

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT									
90.5	0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.8	6	0.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	****	0	0	0	0	0	0	******
14	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	0	1	1	1	0
18	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	1	2	1	0	0	0	****	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0
21	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	1	1	1	1	1	1	0
23	1	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	1	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 53.6 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 45.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	1	0	0	****	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	****	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	1	1	1	1	2	2	1	0	****	0	0	0	0	0	0	1	1	1	1	1	1
9	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
18	1	0	0	1	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	1	2	2	1	1	0	0	0	****	0	0	0	0	0	0	0	0	0	1	0
21	1	1	1	1	1	1	1	1	1	2	3	1	1	0	0	0	0	0	1	1	1	1	1	2	1
22	1	1	2	2	2	2	1	2	2	2	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1
23	1	1	0	0	0	0	0	1	1	****	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
30	0	1	0	0	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	****	****	0	0	0	0	0	1	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	-	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	******
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	1	0	0	0	0	0	0	0	0	-	0	0	0	0	0	1	1	0	0	0	1	1	1	0
14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
25	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 3.1 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1	0	0
8	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
19	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	1	1	0
21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	1	1	1	1	1	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	-	-	1	1	1	1	1	0	0	0	0	0	1	1	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0
7	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	1	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	0
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	******
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	******
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 77.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 22.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	1	0	******
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	0	0	0	0	0	0	0	-	1	1	1	1	1	1	1	1	1	0
13	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
17	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
18	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	1	0	0	0	1	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
20	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
21	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
22	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	-	0	0	0	0	0	0	1	1	0
23	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	1	1	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	-	0	0	0	0	0	0	0
30	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 81.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 19.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
4	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0
7	1	1	1	0	0	0	0	0	0	0	1	1	0	1	0	1	1	0	1	0	0	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0
12	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
21	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
22	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
23	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	1	0	0	1	0	-	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	D	0
31	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	D.1

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	1	0	0	1	1	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	2	1	1	0	-	0	0	1	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	1	1	0	0	0	0	-	0	0	0	0	1	0	1	0	1	0	1	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	1	0	0	0	0	1	0	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0
2	0	1	1	1	0	0	1	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
17	1	1	1	1	1	1	1	1	-	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	1
18	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
3	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
6	1	1	1	1	1	1	1	1	3	4	3	-	-	-	-	-	0	0	0	0	0	0	1	2	1
7	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	1	0	0	0	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
11	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	1	2	2	2	2	1	1	1	1	0	0	1	1	1	1	1	1	1
14	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	1	1	1	1	0	0	-	0	0	1	1	1	1	1	0	0	0
16	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	0
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	4	3	2	2	1	2	2	2	2
19	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	1	0	0	0	0	0	1	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	-	-	-	-	-	-	-	0
5												- DATA UNAVAILABLE -													
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	******
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	1	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1
14	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
15	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1
19	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0
20	1	1	0	0	0	0	0	1	2	1	1	1	1	1	1	1	-	-	****	****	****	****	****	****	1
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28	****	****	****	****	****	****	****	****	****	****	****	-	0	0	0	0	0	0	0	0	1	1	1	1	******
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
30	1	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
31	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 67.7 PERCENTAGE OF DATA INVALID - 24.9 PERCENTAGE OF DATA UNAVAILABLE - 7.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB	15	0.2	0	2
MAR	31	0.2	1	3
APR	29	0.1	0	1
MAY	31	0.0	0	2
JUN	23	0.1	0	2
JUL	25	0.2	1	1
AUG	31	0.1	1	1
SEP	30	0.0	0	2
OCT	31	0.1	1	1
NOV	30	0.2	2	4
DEC	21	0.3	1	2
YEAR	297	0.1	2	4

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN		DATA UNAVAILABLE					
FEB	359	1	0	0	0	0	360
MAR	722	17	0	0	0	0	739
APR	691	0	0	0	0	0	691
MAY	732	1	0	0	0	0	733
JUN	557	4	0	0	0	0	561
JUL	603	0	0	0	0	0	603
AUG	735	0	0	0	0	0	735
SEP	713	1	0	0	0	0	714
OCT	738	0	0	0	0	0	738
NOV	686	23	2	0	0	0	711
DEC	502	2	0	0	0	0	504
YEAR	7038	49	2	0	0	0	7089

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
88.4	0	0.0	0.0	0.0	0.0	0.2	0.7	0.9	1.0	4	0.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EONA/FREDERICK ST KITCHENER MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	1	1	0	0	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	2	3	2	1	1	1	****	2	2	2	2	2	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1
5	1	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	3	4	3	3	3	2	2	2	2
6	2	2	1	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
7	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2
8	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	2	1
10	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	3	3	2	2	2	3	2
11	2	2	2	1	2	2	3	2	2	2	2	2	2	2	2	2	3	4	4	5	7	8	8	4	3
12	4	4	3	3	2	2	4	7	6	3	2	3	3	3	3	4	5	6	5	5	4	4	4	4	4
13	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2
16	2	2	1	2	1	1	2	2	3	1	1	1	1	1	1	1	2	3	2	2	4	6	4	6	2
17	3	2	2	1	1	1	1	2	2	1	1	1	2	2	1	1	1	1	1	0	0	0	0	0	1
18	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	3	4	2	1	2	1	2	2	1
19	1	1	2	1	2	3	5	9	9	6	5	2	2	1	2	2	2	2	1	1	1	1	1	1	3
20	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	0
23	0	0	0	0	0	0	1	1	3	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
24	1	1	1	1	0	0	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
25	1	0	0	0	0	0	2	1	2	2	1	1	2	2	2	1	1	2	1	1	0	0	0	0	1
26	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	2	2	1	2	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	2	2	1	3	2	2	2	2	2	1	1	1	1	1
28	2	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0
30	0	0	0	0	0	0	1	1	2	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0
31	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	0	1	0	0	0	1
MEAN	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1.4

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER DONA/FREDERICK ST KITCHENER MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	****	1	2	2	1	1	2	2	2	2	1	2	1	1	1	1
2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	4	4	3	3	3	2	1	2	2
3	2	2	4	2	2	2	3	3	3	4	4	3	3	2	2	3	3	3	2	2	2	2	2	2	3
4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
6	1	1	1	1	1	1	4	8	9	3	3	2	2	2	2	2	2	3	3	2	2	3	3	3	3
7	2	2	1	1	2	2	3	4	5	3	2	2	2	2	2	2	3	2	3	3	2	2	1	1	2
8	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	3	3	2	2	2	2	1	2	1
9	1	1	1	1	1	2	2	3	3	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2
10	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	2	1
11	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	3	4	2
12	3	2	2	2	2	2	4	7	6	4	3	3	3	3	3	3	4	4	3	2	2	1	2	2	3
13	1	2	1	1	1	2	3	3	4	2	2	2	2	2	2	3	3	4	3	4	3	2	2	2	2
14	3	2	2	2	2	2	2	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
15	****	****	****	****	****	****	****	****	****	1	2	1	1	1	1	2	2	2	1	1	1	1	1	1	******
16	1	1	1	1	1	1	3	3	3	2	1	1	1	1	1	1	2	1	1	1	1	0	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	1
18	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	0	0	1	1	4	7	7	6	4	1	1	1	1	1	1	2	1	1	1	1	1	1	2
20	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
21	1	0	0	1	1	1	2	4	4	1	1	0	1	0	0	1	1	1	0	0	0	0	0	0	1
22	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	3	3	3	2	1	1	1	1	1
23	1	1	1	1	1	1	1	2	2	2	3	4	2	1	1	2	1	2	2	1	2	1	0	0	1
24	0	0	0	0	0	0	1	1	0	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	2	3	2	1	2	2	2	1	2	2	2	2	1	1	1	0	1	1	1
27	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
28	0	1	1	1	1	2	7	11	9	7	2	****	1	1	1	1	3	2	4	5	5	4	3	4	3
MEAN	1	1	1	1	1	1	2	3	3	2	2	2	2	1	1	2	2	2	2	2	2	1	1	2	1.6

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 4.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER DONA/FREDERICK ST KITCHENER MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	2	2	2	3	1	1	1	1	1	1	2	3	2	2	2	2	1	1	1	2
2	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1
3	1	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	1	2	1	1	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0
6	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
7	1	1	2	1	1	1	2	3	5	2	1	1	1	1	1	2	2	2	2	3	2	3	2	2	2
8	1	1	2	1	1	1	3	4	5	2	1	1	1	2	1	2	3	3	1	2	1	1	2	2	2
9	1	1	1	1	2	2	4	8	6	3	1	1	1	1	1	2	2	3	2	2	3	1	1	1	2
10	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
13	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
15	0	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1	2	3	7	5	10	4	2	2
18	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
19	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
20	1	2	2	2	2	1	4	10	****	2	2	2	2	1	1	2	3	4	3	3	5	4	4	4	3
21	2	2	2	2	2	2	4	8	6	2	2	2	2	2	2	2	2	2	2	3	6	6	8	3	3
22	7	3	2	2	3	3	5	7	5	2	2	1	1	1	2	2	2	2	2	2	1	1	1	1	3
23	1	2	2	2	1	1	4	5	3	2	1	1	1	2	2	2	3	2	2	2	1	1	1	1	2
24	1	1	0	0	0	0	0	1	1	1	1	2	2	2	2	1	1	1	1	1	1	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0
26	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
29	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	3	4	4	4	3	2	2	2	1	1
30	1	1	1	1	1	1	2	3	5	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
31	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	1	2	2	2	1	1	1.3

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	2	4	3	3	3	1	1	1	0	1	1	1	1	1	1	1	1	1
3	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	3	1
4	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	0	0	0	1	1	0	1	1	1	1	1	1	2	1	1	1	1	1	0	0	1
6	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	0	0	0	1	1	1	2	2	2	2	2	2	2	2	2	1	1	2	1	1	2	2	1
8	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	2	2	2	1	1	1	2
9	1	1	1	1	1	1	2	2	3	2	1	2	2	2	3	3	5	3	2	2	1	1	1	1	2
10	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1
11	2	2	2	2	2	2	3	3	2	2	2	2	2	3	3	3	4	4	3	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	****	1	0	0	0	0	0	1	1	1	1	1	0	0	0	****	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0
19	0	0	0	0	0	0	0	****	2	2	1	1	1	1	1	2	2	2	2	2	1	2	1	1	1
20	1	1	1	1	2	2	5	4	4	3	2	2	1	2	2	2	2	3	3	2	1	1	1	2	2
21	2	3	4	2	2	2	3	2	2	2	2	2	2	1	2	2	3	3	1	2	3	2	1	1	2
22	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	2	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	2	2	1	3	3	1	2	1
24	2	2	1	1	1	1	3	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
25	1	1	1	0	1	0	2	3	3	3	1	0	0	0	0	0	1	1	1	1	1	1	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	******
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 84.6 PERCENTAGE OF DATA INVALID - 15.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2	****	****	****	****	****	****	****	****	****	****	****	****	****	1	2	1	1	1	1	1	1	0	0	******	
3	0	0	0	0	0	1	1	2	1	1	2	2	2	1	0	1	1	0	1	1	0	0	0	0	1
4	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	3	2	1	1	1	1	1	1	1	1
5	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
6	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
7	0	0	0	0	1	3	2	1	1	0	1	0	0	1	0	1	1	0	0	1	0	1	1	1	1
8	1	1	1	1	1	3	5	4	0	0	0	****	0	0	1	1	2	2	2	3	2	1	1	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	2	2	2	1	1	1
10	0	0	0	0	0	1	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	0	1
11	0	1	0	0	0	3	2	1	1	1	1	1	2	1	2	2	2	4	4	4	3	3	3	3	2
12	2	2	2	1	1	1	1	2	2	3	2	3	3	2	2	3	2	1	2	1	1	1	1	1	2
13	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
14	1	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	1	1	1	0	1
15	0	0	0	0	0	0	4	3	2	1	1	1	1	1	1	2	1	1	1	1	1	0	0	0	1
16	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
17	1	1	1	0	1	3	6	1	1	1	1	0	****	****	1	1	1	1	2	2	2	1	1	1	1
18	0	1	0	0	1	3	4	2	1	1	1	1	1	2	2	4	3	3	2	2	2	2	3	1	2
19	3	1	1	1	1	3	1	1	0	0	1	1	1	1	1	1	2	1	2	2	1	2	2	2	1
20	2	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	3	2	1
21	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	1	2	1	0	****	****	1	0	0	1	1	1	0	0	0	0	0	0	0	0
23	0	0	0	0	0	1	2	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0
24	0	0	0	0	0	1	2	1	0	****	****	****	0	0	0	1	1	1	1	1	0	0	0	0	0
25	0	0	0	0	0	0	1	1	0	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0
28	0	0	0	0	0	0	1	2	0	0	0	1	0	0	1	2	1	0	0	0	0	0	0	0	0
29	0	0	0	0	0	3	6	6	4	2	****	****	0	0	1	1	2	2	1	1	3	4	2	2	2
30	1	0	0	0	0	1	6	3	1	1	1	0	0	0	1	1	1	0	1	0	1	1	1	2	1
31	2	2	1	1	1	2	5	2	****	****	****	0	0	0	0	1	1	0	0	0	0	0	0	0	1
MEAN	1	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 93.1 PERCENTAGE OF DATA INVALID - 6.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER DONA/FREDERICK ST KITCHENER MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
4	0	0	0	0	1	3	5	5	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1
5	0	0	0	0	0	0	1	1	1	****	****	1	1	1	1	2	2	1	1	1	2	2	1	1	1
6	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
7	1	1	0	0	1	3	4	3	3	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
8	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0	0	1	1
9	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
11	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	1	1	1	1	1	1	1	1
12	0	0	0	0	0	1	1	1	1	****	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
13												- OATA UNAVAILABLE -													
14												- OATA UNAVAILABLE -													
15												- OATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- OATA UNAVAILABLE -													
18												- OATA UNAVAILABLE -													
19	-	-	-	-	-	-	-	-	-	-	****	****	1	1	1	1	1	1	1	1	1	1	1	1	******
20	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	0	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1
23	1	1	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	0	0	0	0	0	1	2	2	1	1	****	****	1	1	1	1	1	2	4	2	1	1	1	1	1
26	2	2	2	1	1	2	4	3	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	1	1	1	0	1	1	1	1
28	0	0	0	0	0	1	2	2	1	1	1	1	****	****	1	1	2	1	1	1	1	0	0	0	1
29	1	1	1	1	1	2	3	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	0	1
30	1	1	0	0	0	0	0	0	1	1	1	1	0	1	1	1	0	0	0	1	0	0	0	0	0
MEAN	1	1	1	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 75.4 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 23.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER DONA/FREDERICK ST KITCHENER MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
3	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
5	0	0	0	0	0	1	1	1	0	0	****	****	1	1	1	1	1	1	1	1	0	0	0	0	1
6	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
8	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	1
9	1	1	1	0	1	2	3	2	2	1	1	1	1	1	2	1	2	1	1	1	1	1	1	0	1
10	0	0	0	0	4	20	19	17	13	10	10	18	1	1	1	1	1	0	0	0	0	0	0	0	5
11	0	0	0	0	1	2	3	2	2	****	****	1	1	1	1	1	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	2	1	1	1	2	1	2	1	1	1
13	1	0	0	1	0	2	3	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	2
14	4	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
16	1	1	1	1	1	2	4	1	1	1	1	1	2	1	2	2	1	1	1	1	2	1	1	1	1
17	0	0	0	0	1	2	2	2	1	1	****	0	1	1	1	2	1	1	1	1	1	1	0	0	1
18	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
19	1	1	1	1	1	3	7	2	1	1	2	1	1	1	1	2	1	1	1	2	2	2	2	2	2
20	2	1	1	1	1	2	5	2	1	1	1	2	2	2	2	3	2	2	2	1	1	1	1	2	2
21	2	1	1	1	1	1	2	1	1	1	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
23	1	1	1	1	1	2	4	3	2	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	1
24	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
25	0	0	0	0	0	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	0	0	0	1
26	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
28	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1
30	1	1	1	1	1	3	4	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
31	1	1	1	1	0	0	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	0	0	1	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EONA/FREDERICK ST KITCHENER MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
3	0	0	0	0	1	2	4	6	4	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	2
4	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
6	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	1	1
7	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
8	0	0	0	0	0	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	2	3	2	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	2
10	1	1	0	0	1	2	2	0	****	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	1
13	2	2	1	1	2	4	5	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
14	0	0	1	1	1	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1
16	0	0	0	1	1	1	2	2	2	1	1	1	2	1	2	2	2	1	1	1	1	2	2	2	1
17	2	2	2	2	2	4	6	3	1	1	1	****	****	1	1	1	1	1	1	1	0	0	0	0	2
18	0	0	0	0	0	0	1	1	1	2	2	2	1	1	1	1	1	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	2	1	0
20	0	0	0	0	1	2	4	3	2	1	1	1	1	1	1	2	2	1	1	2	2	2	1	1	1
21	1	0	0	1	1	1	4	4	1	1	1	****	1	1	1	2	1	1	1	2	2	1	1	1	1
22	0	0	0	0	1	1	3	2	1	1	0	1	1	1	1	1	2	1	1	1	1	1	0	0	1
23	0	0	0	0	0	1	2	1	1	1	1	1	1	1	2	2	2	2	1	1	0	1	0	0	1
24	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	1
25	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	1	1	1	1	1	0	0	0	1	1
26	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0	1	1	1	0	1	0	0	0
27	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
28	0	0	0	0	0	1	3	2	1	1	****	1	1	1	1	2	2	2	2	2	1	1	1	1	1
29	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	0	1
30	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	2	1	1	2	2	2	1	1	1	1
31	1	0	0	0	0	2	4	3	3	1	2	1	1	1	2	1	1	1	2	2	1	2	2	2	1
MEAN	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EONA/FREDERICK ST KITCHENER MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
4	0	0	0	0	0	1	3	2	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
5												- DATA INVALID -													
6												- DATA INVALID -													
7	****	****	****	****	****	****	****	****	****	****	****	****	1	1	2	2	1	0	0	1	1	1	1	1	******
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	1	1	1	1	0	1
10	0	0	0	0	0	0	1	1	0	0	0	0	1	1	2	1	0	0	0	0	0	1	1	0	0
11	0	0	0	0	1	2	3	3	1	****	1	0	0	1	1	1	1	1	1	3	3	1	1	0	1
12	0	0	0	0	0	2	5	2	1	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	1
13	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	****	****	0
14	****	****	****	****	****	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	0	1	0	1
15	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
17	0	0	0	0	0	0	1	1	1	1	1	****	1	0	1	1	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1
19	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	2	2	1
20	1	0	1	1	1	2	3	2	1	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	1
21	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	2	1	1	1	0	0	0	0	0	1
22	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	0	1	1
23	1	1	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
24	1	1	0	1	1	4	6	3	1	****	1	1	0	0	0	1	1	1	1	2	2	1	1	0	1
25	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	0	1	1	1	1	1	1	0	0
26	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	5	7	5	4	2
27	4	1	1	1	1	2	5	9	7	1	1	1	1	1	1	1	1	1	1	2	2	1	3	3	2
28	2	2	1	0	0	1	1	1	1	2	1	1	1	1	2	2	2	2	4	5	3	1	0	0	2
29	0	0	0	0	0	0	0	1	1	2	2	1	1	2	1	1	2	1	2	2	1	1	2	2	1
30	2	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	1
MEAN	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 88.2 PERCENTAGE OF DATA INVALID - 11.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER DONA/FREDERICK ST KITCHENER MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	2	4	3	2	2	1	1	1	1	2	2	3	2	2	2	1	1	1	1	1
2	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	2	2	2	1	1	1	0	1	0	1
3	0	0	0	0	0	0	1	2	2	2	2	2	1	0	0	0	0	0	1	0	0	0	0	0	1
4	0	0	0	0	0	1	2	2	2	2	1	1	2	2	2	3	3	1	1	1	1	0	1	0	1
5	0	0	0	0	0	0	1	1	1	2	1	1	1	2	1	2	2	2	1	1	1	0	0	0	1
6	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0
9	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	1	2	1
10	2	3	3	1	1	2	6	6	3	3	****	1	2	1	1	4	3	2	1	1	1	0	0	0	2
11	0	0	0	0	0	1	2	2	2	1	1	1	1	1	1	3	1	1	1	1	0	1	1	1	1
12	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	1	1	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	1	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0
15	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	5	5	6	1	1
16	0	0	0	0	1	2	3	2	1	0	0	0	0	1	1	2	1	1	1	1	1	1	1	0	1
17	0	0	0	0	1	3	3	3	2	2	2	****	2	1	1	1	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	2	4	3	1	1	1	1	0	1	1	2	2	1	1	0	0	0	0	0	1
19	0	0	0	0	1	3	2	2	1	1	0	0	1	0	1	1	1	1	1	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0
25	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	0	1	0	1
26	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	0	1	0	1
27	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	1	2	2	1	****	1	1	1	1	1	3	2	1	1	1	1	1	1	1
30	1	0	0	0	0	0	1	2	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	1
31	0	0	0	0	0	0	2	3	2	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1
MEAN	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0.7

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER DONA/FREDERICK ST KITCHENER MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
2	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	3	2	1	1	2	1	0	1
3	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	5	4	2	1	1	1
5	2	3	2	1	2	3	7	5	2	0	0	1	1	1	1	2	3	3	2	2	2	3	5	5	2
6	4	3	1	2	1	2	4	6	5	4	3	****	3	2	3	4	6	5	4	3	2	1	1	0	3
7	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1
8	0	0	0	0	0	0	1	0	0	0	****	1	1	1	1	1	1	2	2	1	2	1	1	1	1
9	1	1	1	2	2	2	4	5	4	2	2	1	1	1	2	2	2	2	2	1	2	2	2	2	2
10	1	1	0	0	0	0	0	1	0	1	1	2	2	2	2	2	2	2	1	1	1	0	0	0	1
11	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0
12	1	0	0	0	0	0	2	2	3	2	1	1	1	1	1	2	4	4	4	2	3	3	3	3	2
13	2	2	1	1	1	1	1	2	3	1	1	1	1	1	2	3	4	2	1	1	1	0	1	1	1
14	0	0	0	0	0	0	1	1	1	1	1	1	****	1	1	1	2	2	2	1	1	1	1	1	1
15	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	0	1	1
16	0	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	0	1	1
17	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	4	8	9	7	8	8	12	3
18	4	4	4	3	2	2	1	1	2	3	4	3	2	2	1	1	3	4	3	3	2	2	2	1	2
19	1	1	1	1	1	1	2	5	4	2	2	1	1	1	1	1	2	2	3	1	0	0	1	1	2
20	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	2	2	1	1	1	1	1	1	1
21	0	0	0	0	0	0	1	2	2	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	1	1	****	1	1	1	1	1	1	1	1	2	2	1	1	1	1
24	1	1	1	0	0	0	1	1	1	1	1	1	1	1	2	2	2	3	1	1	1	1	2	3	1
25	3	3	4	2	2	1	1	2	2	3	2	1	1	1	1	0	1	1	1	0	0	0	0	0	1
26	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0
27	0	0	0	0	0	0	0	1	1	1	1	1	****	1	1	1	1	2	1	1	1	1	1	1	1
28	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	****	****	1	1	1	1	2	2	1	1	1	1	1	1	1
MEAN	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	1	1	1	1	1	1	1	1
5	0	0	0	0	0	0	1	1	0	0	0	****	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	0	0	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
7	0	0	0	0	0	0	1	2	2	1	0	0	1	1	1	1	2	1	1	1	1	1	1	1	1
8	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
10	0	0	0	0	1	2	4	5	3	2	****	****	***	1	1	1	2	3	3	1	1	0	0	0	1
11	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
12	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
13	0	0	0	0	0	1	2	3	2	2	2	1	2	1	2	2	4	2	1	1	1	1	1	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0
15	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	2	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	1	0	1	1	1	2	1	1	2	4	2	1	1	1	1	1	1
19	1	1	1	1	1	1	1	2	2	1	1	****	2	2	1	2	2	2	1	1	1	1	1	1	1
20	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	3	3	3	3	3	4	4	5	4	2
21	4	5	3	3	3	3	4	5	6	5	4	4	3	2	3	4	4	5	3	3	4	3	2	1	4
22	0	0	0	0	0	0	0	0	0	1	2	4	2	3	4	3	2	2	1	1	2	1	1	2	1
23	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0
24	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	1	0	****	1	1	1	1	1	1	1	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	0	0	0
31	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	1	1	0	0	0	0	1
MEAN	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY OATA FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.4	4	9
FEB	26	1.6	3	11
MAR	31	1.3	3	10
APR	25	1.0	2	S
MAY	29	0.9	2	6
JUN	22	0.9	1	5
JUL	31	1.1	5	20
AUG	31	1.0	2	6
SEP	26	0.8	2	9
OCT	31	0.7	2	6
NOV	30	1.1	3	12
DEC	31	0.7	4	6
YEAR	344	1.0	5	20

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 26029 TRAILER EONA/FREDERICK ST KITCHENER

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	455	255	31	2	0	0	743
FEB	365	242	35	3	0	0	645
MAR	539	171	31	2	0	0	743
APR	451	149	9	0	0	0	609
MAY	570	108	15	0	0	0	693
JUN	474	64	5	0	0	0	543
JUL	605	117	7	3	4	0	736
AUG	590	138	11	0	0	0	739
SEP	567	55	12	1	0	0	635
OCT	641	92	8	0	0	0	741
NOV	550	125	35	2	0	0	712
DEC	646	70	22	0	0	0	738
YEAR	6453	1586	221	13	4	0	8277

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
94.5	0	0.0	0.0	0.4	0.8	1.8	2.4	3.6	4.6	20	1.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	****	****	2	1	1	0	1	0	0	1
3	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
5	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
6	1	1	0	0	1	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
7	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
8	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	2	2	1	1	1	1	1	1	1
11	1	1	1	1	1	1	2	3	3	2	2	2	1	1	1	1	2	2	2	3	4	6	5	5	2
12	3	3	4	3	2	1	2	3	4	3	2	2	1	1	1	1	1	2	2	2	1	2	3	2	2
13	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
14	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	0	1	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	1	0	1	1	1	1	****	1	1	0	0	0	0	0	1	1	0
16	1	0	0	1	1	1	1	1	2	1	5	0	1	1	0	1	1	3	1	1	1	2	3	3	1
17	4	2	1	2	2	1	2	1	2	1	1	1	2	2	2	1	2	1	0	1	0	1	0	0	1
18	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1
19	1	1	0	1	0	0	1	2	2	2	2	2	1	1	2	1	2	1	0	1	0	0	0	0	1
20	1	1	0	1	1	0	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	1
22	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	0	1	0	0	0	1	0
23	1	1	0	0	0	0	1	1	2	1	1	1	1	1	1	1	2	2	1	1	1	2	2	1	1
24	1	2	1	1	1	1	1	2	2	1	2	1	1	2	2	2	2	1	1	1	1	1	1	0	1
25	1	1	0	0	0	0	0	0	1	1	****	1	****	****	1	2	1	1	1	1	1	1	1	1	1
26	1	0	0	0	0	0	1	1	2	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1
27	1	1	0	0	0	0	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	1	****	1	1	2	1	0	0	1	0	1	0	0
30	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
31	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	0	0	0	1	0	0	0	0
MEAN	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIOE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA 5TREET, ST. CATHARINES MONTH - FEB 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
3	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	2	1	2	1	1	2	1
4	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	2	3	2	1
7	2	1	0	0	0	0	2	3	3	2	1	1	1	1	1	2	1	1	1	1	1	2	1	0	1
8	0	0	0	0	0	0	0	1	1	0	0	0	0	****	1	1	1	1	1	0	1	1	0	0	0
9	0	0	0	0	0	1	1	1	2	1	1	2	1	1	1	1	2	2	1	1	1	1	1	2	1
10	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	1
11	0	0	0	0	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	2	3	4	2	1
12	1	1	1	1	1	1	2	3	3	****	****	1	1	1	1	1	1	1	1	1	1	1	1	0	1
13	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1
14	1	1	1	0	0	0	1	1	1	1	1	2	****	****	****	3	2	1	1	1	2	1	1	1	1
15	2	2	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
16	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
17	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	5	6	5	2
18	5	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
19	1	1	1	1	1	1	3	6	4	2	2	2	2	1	1	1	2	2	2	1	1	1	1	2	2
20	1	1	1	1	1	1	2	2	2	2	1	1	2	2	1	2	2	2	3	3	2	2	3	3	2
21	2	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	1	2
23	3	1	1	1	1	2	2	3	4	5	1	1	1	1	****	1	1	1	1	1	1	1	1	1	2
24	1	1	1	1	1	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	1	1	1	0	0	1	0	1	1	1	1	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1
28	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	3	3	4	4	5	4	2
MEAN	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF OATA VALIO - 99.0 PERCENTAGE OF OATA INVALIO - 1.0 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIOE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	0	0	1	1	4	8	8	4	3	3	3	3	3	3	3	2	2	2	2	1	1	3
2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	2	2	2	2	1
3	1	1	1	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
4	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	2	2	2	1	1	1	1	1	1	******
6	1	1	1	1	1	1	2	2	2	2	1	2	2	1	2	2	2	2	1	1	1	1	1	2	1
7	1	1	1	1	2	4	3	3	3	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	2
8	1	1	1	1	1	1	3	7	4	2	2	1	1	1	1	1	2	1	2	2	2	2	3	3	2
9	2	1	1	2	1	1	4	5	2	****	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	0	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
13	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1
14	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
15	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	1	2	2	3	3	2	2	2	2
18	2	4	3	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
19	1	1	1	1	1	1	2	2	1	1	****	1	1	1	1	1	1	1	2	2	3	2	3	3	1
20	2	3	1	2	2	2	4	5	2	2	2	2	1	1	1	1	1	1	3	8	7	7	7	10	3
21	5	4	1	1	1	1	2	5	2	1	1	1	1	1	0	1	1	1	1	2	1	2	2	3	2
22	4	4	3	3	2	2	3	3	2	3	1	1	1	1	1	1	1	1	2	2	3	2	2	2	2
23	1	1	1	1	1	1	1	2	3	3	2	1	1	1	1	2	1	1	1	1	1	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
25	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	1	1	0	0	0	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	0	0	0	1	1	2	1	1	1	1	1	0	1	1	1	1	2	2	1	1	0	0	1
29	0	0	0	0	0	1	1	1	1	1	1	2	1	2	2	3	2	1	1	1	2	2	2	2	1
30	1	1	1	0	0	0	1	2	5	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
31	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF OATA VALIO - 9S.0 PERCENTAGE OF OATA INVALID - S.0 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	1	3	1	1	0	0	1	0	1	1	1	0	1	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	****	****	1	1	1	1	2	2	2	2	2	5	1
4	4	3	2	1	1	1	2	3	3	2	1	1	1	1	1	2	2	1	2	2	1	1	2	1	2
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1
7	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	1
8	1	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1
9	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	4	2	2	2	2	2	2
10	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	2	2	1	2	2	1	2	3	3	2
11	4	3	3	3	2	3	3	2	2	1	****	1	1	1	1	1	2	1	2	1	2	2	2	1	2
12	1	1	1	1	1	1	2	3	2	2	2	2	2	1	2	2	2	2	2	3	2	3	2	2	2
13	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	1	2	2	2	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	2	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	0	1	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	2	2	2	1
20	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	****	1	1	1	1	2	2	2	2	1
21	1	2	3	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1
22	2	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
23	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1
24	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	3	3	2	2	2	1	2
25	1	1	1	0	1	1	2	2	2	2	4	2	1	1	1	1	1	2	3	4	4	2	2	2	2
26	1	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
27	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1
28	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	1	1	1	0	0	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
3	1	1	0	1	1	1	2	2	3	4	2	3	4	3	3	2	1	1	2	1	1	1	1	1	2
4	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	1	2	1	2	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	2	2	2	2	1
7	1	1	1	1	1	2	3	4	3	****	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1
8	1	1	0	0	0	1	2	4	4	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
9	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
10	1	1	0	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	2	1
11	1	1	1	1	1	1	1	2	2	3	1	2	2	2	2	1	2	1	2	4	5	3	2	2	2
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
13	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	1	0	1	1	1	1	1	1	1	0
14	0	0	0	0	0	1	1	1	1	****	1	1	1	1	1	1	1	1	1	2	2	2	1	2	1
15	1	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	0	0	0	1	2	1	2	1	1	1	2	1	1	1	1	1	0	1	1	1	2	2	1	1
17	1	1	1	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
18	1	1	1	2	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1
19	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	1	2	2	1
20	1	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	0	1	1	1	1	2	2	2	1
21	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1
22	1	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
23	1	0	0	1	1	1	2	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	0	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	0	1	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
2	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
4	0	0	0	0	0	0	0	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	4	2	6	2	2	2	2
8	2	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	1	1	2	1
9	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	2	2	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	0	0	1	0	0	1	1	1	1	****	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
12	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	1	1	0	0	1
14	0	1	0	0	0	0	1	1	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	0	1	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1
17	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
18	0	1	1	0	0	0	1	0	****	1	1	1	1	1	1	1	0	0	0	0	1	0	1	0	1
19	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
20	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	1	1	1	1	0	0	1
21	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
22	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	0	0
25	0	0	1	0	1	1	1	1	0	1	1	0	0	1	1	1	1	0	0	0	1	2	4	3	1
26	2	2	1	1	2	2	2	1	0	0	0	0	0	****	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	0	0	1	1	****	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1
28	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
29	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	2	2	1	1	2	2	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	1	0	1	1	1	1	1	1	0
6	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	2	1
7	2	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
8	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
9	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1
14	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
16	1	1	1	1	1	1	2	2	2	1	1	****	1	1	1	1	2	2	1	1	1	1	1	1	1
17	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	2	1	1	1	1
19	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1
24	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
25	0	0	0	0	0	0	0	1	1	1	1	1	****	1	1	1	1	1	1	1	0	1	1	0	1
26	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	1	1	1	1	1	0	0
28	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0
29	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	1	1
30	1	0	0	0	1	1	2	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1
31	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
MEAN	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	10	1	1	0	0	0	0	1	0	0	0	0	0	0	****	1
2	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	1	0	1	0	0	0	0	0
3	0	0	0	0	0	0	0	1	1	0	0	0	1	0	1	0	1	1	0	1	1	1	1	1	0
4	1	1	1	0	1	0	1	1	1	0	1	1	1	1	2	1	1	1	1	2	1	1	2	1	1
5	1	1	0	0	0	0	0	1	1	0	1	1	0	0	0	1	0	0	1	1	0	1	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0
7	2	1	1	1	0	0	1	1	1	****	1	1	****	1	0	1	1	1	0	0	0	0	1	1	1
8	0	1	0	0	0	0	0	1	0	1	0	1	1	1	0	1	0	****	1	0	0	1	1	0	0
9	1	0	0	0	0	2	3	1	0	1	1	1	1	0	1	0	0	0	1	1	1	1	1	1	1
10	1	0	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
11	1	1	1	1	0	1	0	1	0	1	1	1	1	1	1	0	1	1	0	1	1	2	1	1	1
12	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	3	1	3	1	2	3	3	4	1
13	3	1	1	1	1	2	2	2	1	0	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1
14	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	0	0	-	0	0	1	0	0	0
15	0	0	0	0	0	0	1	1	1	8	4	1	1	0	1	1	1	0	1	1	1	1	1	1	1
16	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	2	3	2	1	1	1	1
17	1	1	0	0	0	1	2	3	1	0	5	0	0	0	0	0	0	0	0	0	0	****	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0.4

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	1
2	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0
4	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
5	0	1	1	0	0	1	4	4	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
6	0	0	0	0	1	1	1	1	1	1	2	1	1	0	1	1	1	0	1	1	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	4	3	1
9	2	2	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1
10	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
11	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0
12	0	0	0	1	1	2	4	5	3	****	2	1	1	1	1	1	1	1	1	1	1	1	2	0	1
13	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
14	0	0	1	1	1	1	2	2	1	1	1	2	****	****	****	****	****	****	****	****	****	****	****	****	******
15												-	DATA	INVALID	-										
16												-	DATA	INVALID	-										
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5	7	7	6	3	8	6	8	7	******
18	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0	1
19	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	3	3	2	2	1
20	2	2	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
21	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
22	0	0	1	0	0	1	0	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	1	1	1
23	1	1	1	1	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
24	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
25	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
26	1	1	1	1	1	2	2	2	2	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	0	1	2	3	2	1	1	1	1	1	1	1	1	0	1	3	3	2	1	1	0	1
28	1	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	2	1	2	2	2	2	1	1	1
29	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	4	3	5	4	2
30	4	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
MEAN	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 89.3 PERCENTAGE OF DATA INVALID - 10.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	0	1	1	1	1	0	1	1	1	0	1
3	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
4	1	0	0	0	0	1	1	2	****	2	1	2	2	1	3	3	2	2	2	2	2	2	2	2	2
5	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
6	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1
8	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1
9	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1	1	1	1
10	1	1	1	1	1	2	5	9	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
11	0	0	0	0	0	2	4	4	****	****	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1
12	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	0	1
13	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1
14	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	0	1
15	1	1	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
17	2	1	1	1	1	2	3	5	5	4	3	2	2	2	2	4	4	5	5	3	2	2	2	2	3
18	1	1	1	1	1	1	1	1	1	3	4	1	1	1	1	1	1	1	2	1	1	1	1	1	1
19	1	1	1	0	1	1	3	3	4	5	3	2	1	1	2	2	2	2	1	1	1	1	1	1	2
20	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1
21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
22	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	1	0	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1
30	1	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	3	3	1	1	2	3	3	1	1
31	1	1	1	1	1	1	3	5	8	5	2	1	2	1	1	2	2	2	2	2	1	1	1	1	2
MEAN	1	1	0	0	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	0	0	0	0	1	1	1	1	0	1	1	1	1	1	2	2	3	2	1	1	2	1
5	2	1	1	1	1	1	1	2	2	1	1	1	1	****	1	1	2	2	3	1	2	4	5	8	2
6	9	6	5	4	4	2	2	3	5	5	2	2	2	2	2	2	2	2	2	2	2	1	1	1	3
7	1	1	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1
8	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	0	1	2	3	2	2	1	1	2	3	3	2	2	2	2	2	1	1	1	2
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
11	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	0	0	0	0	1	1	1	1	1	0	1	1	1	0	1	2	2	2	1	1	3	4	1
13	1	1	1	1	1	1	1	2	3	2	2	1	1	1	1	2	2	1	1	2	2	2	2	1	1
14	1	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	2	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	3	2	1	1	2	2	2	2	2	2	2	2	1	2	1	1	2
16	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
17	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	2	3	2	1	1	1
18	3	6	6	3	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	1	1	2
19	1	1	1	1	1	1	2	3	4	4	4	4	3	2	2	3	4	6	4	3	2	2	3	4	3
20	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	2	1	1	1	2	1	1
21	0	0	0	0	0	0	1	1	1	1	1	1	0	1	2	2	2	1	1	1	1	1	1	1	1
22	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
23	0	0	0	0	0	0	0	1	2	1	1	1	1	2	2	2	4	2	2	3	2	2	2	3	1
24	2	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1
25	3	4	4	3	3	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1
26	1	1	1	1	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	1	****	0	0	0	0	1	1	1	2	2	2	2	1	2	1	1
28	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1
30	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0
3	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	2	2	1	1	1	1	0	0	1
4	1	0	0	0	0	0	0	0	0	****	****	1	0	1	1	1	1	1	1	1	1	1	1	1	1
5	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
6	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1
7	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	0	0	0	1
8	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0
10	1	1	0	0	0	1	1	2	2	1	1	1	1	1	1	2	2	3	2	1	1	0	1	0	1
11	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0
12	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	1	0	0	0	0
14	0	0	1	0	0	0	0	1	1	1	1	0	****	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
16	1	1	1	0	0	0	1	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
18	1	1	1	1	****	1	1	1	1	1	2	1	1	1	1	2	1	1	1	0	1	1	1	1	1
19	1	1	1	1	1	1	1	1	2	2	****	2	1	1	1	2	2	2	1	1	1	1	1	1	1
20	1	1	1	1	1	1	2	4	7	4	5	3	2	2	3	3	4	4	2	3	1	1	1	1	2
21	1	1	1	1	1	0	1	2	2	2	2	1	1	1	1	1	2	2	2	3	1	1	1	1	1
22	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1
24	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1
25	1	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
27	1	0	0	0	0	0	0	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
31	3	3	4	4	2	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2
MEAN	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF OATA VALID - 99.2 PERCENTAGE OF OATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY ANO 2-HOURLY DATA FOR 1979

POLLUTANT - CARBON MONOXIOE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.9	2	6
FEB	28	1.0	2	6
MAR	29	1.2	3	10
APR	30	1.1	2	5
MAY	31	1.1	2	5
JUN	30	0.8	2	6
JUL	31	0.8	1	2
AUG	31	0.4	1	10
SEP	26	0.9	2	8
OCT	31	1.1	3	9
NOV	30	1.1	3	9
DEC	31	0.8	2	7
YEAR	359	0.9	3	10

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	641	87	8	0	0	0	736
FEB	551	101	13	0	0	0	665
MAR	541	143	22	1	0	0	707
APR	561	146	7	0	0	0	714
MAY	633	100	7	0	0	0	740
JUN	654	58	3	0	0	0	715
JUL	714	25	0	0	0	0	739
AUG	708	24	4	1	0	0	737
SEP	568	56	19	0	0	0	643
OCT	644	79	16	1	0	0	740
NOV	576	117	23	1	0	0	717
DEC	679	51	8	0	0	0	738
YEAR	7470	987	130	4	0	0	8591

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
98.1	0	0.0	0.1	0.4	0.7	1.3	1.8	2.8	3.7	10	0.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA INVALID -																								
2	- DATA INVALID -																								
3	- DATA INVALID -																								
4	- DATA INVALID -																								
5	- DATA INVALID -																								
6	- DATA INVALID -																								
7	- DATA INVALID -																								
8	- DATA INVALID -																								
9	- DATA INVALID -																								
10	- DATA INVALID -																								
11	- DATA INVALID -																								
12	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	******
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	14	7	****	****	****	****	0	2	2	1	0	0	0	0	0	2
15	0	0	0	0	0	0	0	1	1	1	****	****	****	****	****	2	2	1	-	1	1	1	2	1	1
16	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	0
18	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	-	2	2	****	1
19	2	1	1	1	1	1	1	1	2	****	3	2	1	1	1	1	2	2	1	1	1	1	1	1	1
20	1	1	0	0	0	0	1	2	2	2	1	1	1	1	1	1	3	2	2	1	2	2	2	2	1
21	2	1	0	0	1	0	1	3	3	3	2	1	1	1	1	0	1	1	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	2	3	3	3	2	1	1	1	1	1
23	1	1	1	1	1	1	1	2	0	0	3	2	2	2	2	3	4	3	2	1	1	1	0	1	2
24	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	****	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	1	1	1	1	1	2	1	1	0	1	1	1	1	0	0	1	1	1
28	1	0	0	0	0	0	1	2	2	2	1	1	1	2	1	2	2	3	4	3	3	3	3	3	2
MEAN	1	1	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 56.7 PERCENTAGE OF DATA INVALID - 38.7 PERCENTAGE OF DATA UNAVAILABLE - 4.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	1	0	1	1	1	****	****	2	1	2	2	2	2	1	1	1	2	2	1
2	2	2	1	1	1	1	1	2	2	1	1	1	2	2	2	3	4	-	****	3	4	3	3	3	2
3	4	3	3	2	3	2	1	1	1	2	1	1	2	2	3	3	3	2	2	3	3	3	4	4	2
4	3	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1
6	1	1	0	0	0	0	2	2	2	2	2	1	2	1	1	1	2	2	1	1	1	1	1	1	1
7	-	****	1	0	1	1	3	5	4	2	2	2	2	2	2	1	2	2	2	2	1	1	1	1	2
8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	0	0	0	0	0	1
9	0	0	0	1	0	1	1	4	5	3	2	2	2	2	2	2	2	3	2	2	2	2	1	1	2
10	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	2	1	1	2	2	-	2	1
13	2	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	2	1	0	0	1	1	1	1	1
14	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	0
15	1	1	0	1	1	0	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	1
16	2	2	1	1	1	-	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
17	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	2	2	2	2	2	1	1	0	0	1
18	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
19	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	2	2	2	2	3	1
20	5	3	2	1	2	2	3	4	3	2	1	0	1	1	1	1	0	-	****	1	3	****	5	5	2
21	5	4	2	1	1	1	2	4	4	2	1	2	1	1	1	1	2	3	3	1	2	2	3	3	2
22	4	3	2	2	2	2	2	2	1	2	3	2	2	2	3	4	5	4	3	2	3	2	2	1	3
23	1	0	0	0	0	0	0	0	1	2	4	4	4	4	4	3	2	2	3	4	3	2	2	2	2
24	2	2	2	2	2	1	1	1	2	2	3	2	2	2	3	3	2	2	2	2	2	2	1	1	2
25	1	1	1	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	3	4	3	2	1	1	1	1	1	2	3	2	2	1	1	1	0	1	2
29	0	0	0	0	0	0	0	1	1	1	1	1	1	1	****	1	4	3	3	3	2	2	1	2	1
30	2	1	0	0	0	0	0	1	-	3	4	5	6	4	3	1	2	2	2	2	2	2	1	1	2
31	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
MEAN	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	1	1	1	2	2	****	****	1	1	****	1	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	****	****	1	1	1	1	1	1	1
5	0	0	0	0	0	****	0	0	-	-	****	0	0	0	0	0	1	1	1	1	1	0	0	0	0
6	0	0	0	0	0	0	0	0	1	****	****	1	1	1	1	1	1	1	1	1	1	1	0	1	1
7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0	1	0
9	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
11	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	0	1	1	1	1	1
12	1	0	0	1	1	0	1	1	1	0	1	1	1	0	1	1	2	1	1	0	0	1	1	1	1
13	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	2	2	2	2	1
14	1	1	0	0	0	1	0	0	0	****	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	****	0	0	0	0
17	0	0	0	0	0	0	0	1	1	1	0	0	0	-	-	0	0	2	0	0	2	2	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	****	-	-	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
20	1	0	1	1	0	0	1	2	1	****	4	4	4	3	3	3	3	3	3	3	3	2	2	2	2
21	2	2	2	3	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	3	3	3	2
22	3	2	2	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	2	2	1	2
23	1	1	1	1	1	1	1	2	3	2	2	2	2	6	5	4	3	3	3	3	3	4	4	4	3
24	5	4	3	2	2	2	2	4	4	3	4	****	5	4	4	5	5	5	4	3	2	2	2	3	3
25	2	2	1	1	1	****	1	1	3	****	****	1	1	1	3	1	****	****	****	****	****	****	****	0	******
26	1	1	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
27	****	****	****	****	****	****	****	****	****	3	****	4	2	2	2	2	3	3	2	2	2	2	2	2	******
28	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	3	2	2	2
29	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	2	2
30	2	2	2	2	2	2	4	4	4	4	4	4	4	3	3	3	3	2	2	3	3	3	3	3	3
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 91.4 PERCENTAGE OF DATA INVALID - 7.8 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
2	2	2	2	2	2	2	3	4	4	3	3	3	4	3	5	4	4	4	3	3	4	4	4	3	3
3	2	2	2	2	2	2	2	2	3	3	3	4	4	5	5	8	10	7	4	2	2	2	2	2	3
4	2	2	2	2	2	2	2	2	1	1	2	1	1	1	2	3	-	3	3	3	3	3	4	3	2
5	3	3	3	3	3	2	2	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	0	0	0	1	1	1	0	0	1
7	0	0	1	****	0	0	0	0	1	1	0	0	0	0	2	3	2	3	2	2	3	4	4	4	1
8	2	2	1	1	1	3	5	5	4	4	5	5	4	5	4	3	3	3	3	3	3	2	2	2	3
9	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
10	2	2	2	1	1	2	2	2	3	3	2	3	3	3	3	3	3	3	4	3	2	2	2	3	2
11	3	2	2	2	2	2	3	5	4	3	3	5	4	3	3	3	3	3	3	3	3	2	2	2	3
12	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	1	1	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	1	1	1	1	0
14	0	0	0	0	0	1	1	1	1	1	****	1	1	1	1	1	****	****	****	****	0	****	****	****	1
15	****	****	****	****	****	****	****	****	1	1	****	2	2	2	2	3	4	2	1	1	1	0	1	1	*****
16	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	-	0	0	****	0	1	2	2	1	0	1	1	1	0	1	2	1	2	2	1	1	1	0	1	1
18	1	1	1	1	0	1	1	1	1	****	4	5	5	6	6	4	3	3	2	2	1	1	3	4	2
19	2	2	2	1	1	2	2	2	2	****	2	3	3	2	2	1	1	1	1	2	2	2	3	3	2
20	2	1	1	1	1	0	0	0	0	0	1	1	1	1	1	2	2	2	3	3	3	3	1	2	1
21	****	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	****	1
23	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	1	2	2	2
24	1	1	1	0	0	0	0	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
25	1	1	1	0	-	****	0	0	1	1	****	1	1	1	1	2	2	1	1	1	1	1	1	1	1
26	1	1	1	1	1	2	3	2	3	3	2	2	3	2	2	2	2	1	1	1	2	1	1	1	2
27	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	2	1	1
28	1	1	1	1	****	1	2	2	2	2	****	2	2	2	2	3	2	2	2	2	2	1	1	1	2
29	1	1	1	0	0	1	2	3	3	2	1	1	2	2	2	3	2	1	1	1	0	1	1	2	1
30	1	1	1	1	1	2	3	2	2	1	1	1	1	1	1	1	2	1	1	1	2	2	3	2	1
31	2	1	1	1	1	1	3	3	3	3	2	2	2	2	3	3	3	2	3	2	1	2	2	2	2
MEAN	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 3.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	2	2	2	1	1	****	1	1	-	-	2	3	4	3	2	3	2	1	2	3	2
2	3	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
3	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1	0
4	0	0	0	0	0	0	1	1	2	2	2	2	3	2	2	2	2	1	1	2	2	1	2	2	1
5	1	2	1	1	1	1	2	2	1	2	2	-	1	1	0	1	0	0	0	0	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	2	1	1	1	2	2	2	2	2
7	2	2	2	2	2	2	2	4	4	4	5	5	4	4	5	4	5	5	4	4	3	4	4	6	4
8	5	3	3	3	3	2	2	2	2	2	1	1	1	2	2	2	2	2	1	2	2	2	3	3	2
9	3	2	2	1	1	1	1	1	1	1	2	3	2	2	2	2	2	1	2	1	2	2	1	1	2
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	-	-	0	1	1	1	1	1
12	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	****	0	1	1	2	2	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	D	0	0	0	1	2	2	2	1
14	2	1	1	1	****	1	2	2	1	1	****	****	****	****	3	3	3	3	3	3	3	3	3	3	2
15	3	2	2	2	2	2	3	3	2	****	****	****	2	3	3	3	3	2	2	2	3	3	3	3	3
16	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
17	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	1	1	1	2	2	****	2	2	1	2	2	2	2	2	3	4	3	4	4	2
19	4	4	3	3	3	3	2	3	3	2	3	3	3	3	3	3	3	2	2	3	4	4	4	3	3
20	****	3	3	3	3	3	4	4	3	4	4	4	4	4	5	S	4	4	3	3	4	3	3	3	4
21	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	2	3
22	2	2	2	2	2	2	2	2	2	2	2	4	2	1	1	1	-	1	1	1	1	1	1	1	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
24	1	1	****	1	1	1	1	****	1	0	0	1	0	0	0	0	1	1	0	0	1	1	2	1	1
25	1	1	1	1	2	2	3	1	1	2	3	2	1	1	2	2	-	1	1	1	2	2	4	3	2
26	3	3	2	2	2	2	3	2	2	2	3	4	3	3	2	2	2	1	1	2	2	2	2	2	2
27	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	1	1	2	2	2	3	2
28	3	2	1	1	1	1	2	3	3	2	1	2	2	2	2	3	3	2	2	2	2	2	2	2	2
29	2	2	2	2	1	2	3	4	3	3	2	4	3	4	4	6	5	4	3	3	3	3	3	-	3
30	3	3	2	2	1	1	3	3	3	3	2	3	3	3	2	-	2	1	2	2	3	3	3	4	2
MEAN	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUL 79

HOUR DAY	1	2	3	4	S	6	7	B	9	10	11	12	13	14	1S	16	17	1B	19	20	21	22	23	24	MEAN
1	4	4	3	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	1
2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
3	1	1	1	1	1	0	1	1	1	1	****	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0
S	1	1	1	0	0	0	1	1	0	0	0	****	0	0	1	0	0	0	0	0	1	1	1	1	0
6	1	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	2	1
7	2	2	1	1	1	0	1	1	1	1	1	1	0	0	0	0	1	1	0	1	1	1	1	1	1
8	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0
9	2	2	1	1	1	1	2	2	1	2	3	4	****	3	3	3	2	2	2	1	1	2	2	1	2
10	1	1	0	0	0	0	1	2	2	2	1	-	1	1	1	1	1	1	1	1	1	1	1	2	1
11	1	1	0	0	1	0	1	1	1	1	1	2	2	2	2	2	1	1	0	1	1	1	2	2	1
12	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
13	1	1	0	0	0	C	0	1	2	1	****	2	2	3	3	3	2	2	2	3	4	3	2	2	2
14	2	2	2	1	2	2	2	2	1	1	2	1	1	1	1	1	2	1	1	2	2	2	2	2	2
1S	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1
16	1	1	1	1	1	1	2	2	1	0	****	****	1	1	0	1	1	1	0	0	0	0	1	****	1
17	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1
1B	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	2	2	2	1	S	1	1	1	1	1	1	1	1	2	2	2	2	2	2
20	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
21	****	2	2	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	2	2	2	2	1
22	2	1	1	1	1	0	-	1	1	1	0	0	1	0	0	0	0	0	1	1	2	2	2	2	1
23	****	1	1	1	1	1	2	2	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1
25	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2	1	1	1	1
26	1	0	0	0	0	3	1	1	1	1	0	0	0	0	0	****	0	0	0	0	1	1	1	1	1
27	1	1	1	1	1	0	1	****	****	2	1	1	1	-	1	1	1	1	1	2	3	2	2	2	1
28	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	0	1	2	1	1	2	1
29	2	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	2	1	1	1	1
30	1	1	1	1	1	1	3	2	2	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1
31	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF OATA VALIO - 98.0 PERCENTAGE OF OATA INVALIO - 1.6 PERCENTAGE OF OATA UNAVAILABLE - 0.4

NOTES 1. "*****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIOE UNITS - PARTS/MILLION

STATION - WC NO 2902S BARTON/WENTWORTH HAMILTON MONTH - AUG 79

HOUR OAY	1	2	3	4	S	6	7	B	9	10	11	12	13	14	1S	16	17	1B	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	2	2	2	2	2	3	****	1
2	2	1	1	1	1	1	2	2	1	0	****	1	1	1	1	1	1	1	1	1	2	3	3	2	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
S	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
6	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0	1	1	2	3	3	2	1
7	2	2	1	1	1	1	1	2	1	****	1	1	****	1	1	1	1	0	0	0	1	1	1	1	1
8	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	****	0	0	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	3	2	2	2	1
10	1	1	1	1	1	1	1	1	1	12	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1
11	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	1	0	1	3	4	4	3	1
13	2	2	1	1	1	2	4	S	2	1	1	1	1	1	1	2	1	1	0	0	1	1	0	0	1
14	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	0	-	0	0	1	1	0	1
1S	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1
16	1	1	1	1	1	2	2	3	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2
17	2	2	1	1	2	2	2	3	2	2	2	2	2	2	2	3	3	3	3	3	3	****	2	2	2
18	2	2	2	2	2	2	1	1	2	2	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2
19	2	2	1	1	1	1	1	1	0	0	0	1	1	1	1	2	1	1	1	1	1	2	3	3	1
20	4	3	3	2	2	4	4	3	2	2	2	2	3	2	2	3	2	2	2	2	2	2	2	2	2
21	2	2	2	2	2	4	6	3	2	2	2	1	1	1	0	1	1	1	2	2	2	3	3	2	2
22	1	1	1	1	1	0	0	0	1	1	3	2	1	2	3	2	2	1	0	0	1	1	1	2	1
23	1	1	1	1	1	2	S	3	2	2	****	****	2	1	3	2	2	2	1	1	1	2	2	1	2
24	1	0	0	0	0	0	1	1	****	1	1	1	1	1	1	2	2	2	3	3	2	2	2	1	1
2S	1	1	1	1	1	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	2	2	2	1	1
26	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0
27	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	2	1	1	1	2	1	1	2	1	1
28	1	1	1	1	1	2	3	3	1	1	3	3	2	2	2	2	2	2	1	4	3	2	2	1	2
29	1	1	1	0	1	1	3	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1
30	0	0	0	0	0	0	2	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1
31	1	1	0	0	0	1	2	2	1	1	2	2	2	2	3	3	3	2	1	2	3	3	2	3	2
MEAN	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1.2

PERCENTAGE OF OATA VALIO - 98.7 PERCENTAGE OF OATA INVALIO - 1.2 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCE5 BRANCH

POLLUTANT - CARBON MONOXIDE UNIT5 - PART5/MILLION

5TATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - 5EP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	3	2	2	2	2	2	2	2	2	3	3	2	2	2	3	3	2	2	2	1	2
2	1	1	1	1	1	1	1	0	0	0	1	2	1	1	1	0	0	0	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
4	1	1	1	1	1	1	0	1	1	2	2	2	2	3	3	2	1	1	1	2	2	4	2	2	2
5	1	2	2	1	1	2	2	****	2	2	1	1	1	1	2	3	3	2	2	3	3	2	1	1	2
6	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1
7	1	1	1	1	1	2	1	1	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	2	4	3	2	1	2	1
9	2	3	2	2	2	2	2	1	1	1	1	1	1	****	1	1	1	1	2	2	2	2	2	2	2
10	1	1	1	1	1	2	2	2	1	1	1	1	1	2	3	3	3	2	1	1	1	1	1	1	1
11	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	-	2	2	4	5	5	5	5	4	2
12	3	2	2	2	3	5	7	4	3	1	2	2	2	3	3	2	2	2	2	2	2	2	2	1	3
13	1	1	1	2	2	4	3	3	2	2	1	2	1	2	2	3	2	3	3	2	2	2	2	1	2
14	1	1	1	1	1	1	1	1	4	2	2	****	****	2	2	2	2	2	2	3	3	3	3	3	2
15	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	2
16	4	3	3	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	****	2	2	2	2	2
19	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	****	2	2	2	2	2	2	1
20	2	2	2	2	2	3	5	6	****	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2
21	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	0	0	0	0	1	****	0	0	0	1
22	0	1	0	0	1	1	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
23	0	0	1	1	1	1	1	0	0	1	1	0	0	0	0	1	1	1	1	3	4	4	4	3	1
24	2	1	1	1	2	S	8	7	3	2	1	2	3	3	3	3	2	3	2	3	4	3	4	3	3
25	2	1	1	1	1	1	2	2	2	2	2	1	1	2	1	2	1	1	1	2	2	2	2	2	2
26	2	1	1	1	1	1	2	3	2	2	1	1	1	0	0	0	0	0	3	4	3	3	4	4	2
27	3	2	1	1	2	3	4	4	3	2	1	1	1	1	1	2	2	2	4	6	6	5	4	2	3
28	1	1	0	0	0	1	1	2	1	1	1	2	2	3	3	2	1	2	4	3	2	1	2	2	2
29	1	1	2	1	1	2	2	2	2	1	1	1	1	1	2	2	2	1	2	3	3	3	3	3	2
30	6	4	2	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1
MEAN	2	2	1	1	1	2	2	2	2	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALIO - 98.8 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTE5 1. "****" INOICATE5 INVALID DATA DUE TO IN5TRUMENTATION FAILURE

2. "-" INDICATE5 DATA I5 UNAVAILABLE

3. "******" INDICATES LES5 THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RE5OURCE5 8RANCH

POLLUTANT - CARBON MONOXIDE UNITS - PART5/MILLION

5TATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	1	1	1	1	2	2	3	4	5	3	2	2	3	3	2	2	2	2
2	2	2	2	1	0	0	1	1	1	1	0	1	2	2	2	1	1	1	1	1	1	1	1	1	1
3	1	1	2	1	1	1	2	4	3	2	****	2	3	2	2	2	1	1	1	1	1	1	1	1	2
4	0	0	0	0	1	2	2	3	2	2	2	1	2	1	0	0	0	0	0	0	0	1	1	1	1
5	1	1	0	0	1	1	2	2	1	2	2	2	2	2	2	5	4	3	2	2	2	1	1	1	2
6	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	1	1	1	1	1	1
7	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
8	1	-	1	1	2	3	3	3	2	2	2	2	3	3	2	2	2	2	2	2	1	2	2	2	2
9	1	0	0	0	0	0	****	****	****	****	-	****	****	****	****	****	****	****	****	****	0	1	2	1	******
10	1	1	-	0	1	****	4	4	5	3	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2
11	0	0	0	0	1	3	4	6	4	2	1	1	0	0	****	2	1	1	0	1	1	0	0	0	1
12	****	****	****	****	****	0	0	0	0	****	1	0	0	0	1	1	2	2	1	1	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	1	0	0
14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	0	0	0	0	0	0	0
15	0	0	0	0	0	1	1	-	2	2	2	2	2	2	2	2	2	2	3	4	3	3	3	3	2
16	3	2	2	2	2	2	3	2	2	2	1	-	1	2	2	2	1	2	2	2	2	2	3	3	2
17	2	2	2	2	2	4	6	-	-	4	4	4	5	7	5	6	4	6	6	4	5	4	4	3	4
18	2	2	2	1	1	1	1	1	5	2	1	1	1	1	2	2	2	2	2	2	2	3	4	4	2
19	3	3	2	2	2	3	4	4	4	4	4	2	4	6	7	-	-	3	3	2	2	2	2	1	3
20	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
21	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
22	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	3	2	2
23	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	2	1	1	2	2	1	2	2	1	1
24	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	1	2	1	1	·	1	1	1
25	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	3	2	2	2	2	2	2	-	2	2	2	2	2	2	2	2	3	3	2
27	3	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	3	3	2	3	2	3	4	3	2
28	-	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	3	****	****	2	1	1	1	1	1	2	2	3	4	4	4	4	3	4	2
30	3	3	2	2	2	2	2	3	2	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2
31	1	1	2	2	2	3	6	9	7	5	4	3	2	3	2	2	2	1	2	1	2	3	3	2	3
MEAN	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 94.4 PERCENTAGE OF DATA INVALID - 4.0 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTE5 1. "****" INDICATE5 INVALID OATA DUE TO IN5TRUMENTATION FAILURE

2. "-" INOICATE5 DATA I5 UNAVAILABLE

3. "******" INDICATE5 LES5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIOE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	4	5	3	3	3	8	10	4	2	1	2	2	2	2	3	4	3	2	1	1	1	1	1	3
2	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	2	2	2	2	1
3	2	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	-	2
4	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	2	3	2	2	2	2	3	1
5	3	3	2	2	2	2	3	5	6	4	2	2	1	1	2	3	3	4	4	4	2	2	1	2	3
6	3	2	2	2	1	2	4	5	3	3	4	4	2	3	3	4	7	3	2	3	3	3	2	2	3
7	2	1	1	1	0	0	1	0	0	0	0	0	0	1	1	1	2	2	1	1	1	1	1	2	1
8	1	1	1	1	1	-	****	2	1	1	1	1	1	1	1	1	2	1	2	2	2	1	2	2	1
9	2	3	2	2	2	2	4	5	2	2	3	3	2	1	2	3	3	3	2	-	2	2	3	2	2
10	2	2	1	1	1	1	1	1	1	0	0	1	1	1	1	****	0	1	1	1	1	1	1	1	1
11	1	1	-	0	0	0	1	1	0	1	1	0	-	0	0	0	0	1	1	1	1	1	1	1	1
12	1	1	0	-	0	1	1	2	1	0	1	1	1	2	1	2	4	4	3	3	2	3	3	2	2
13	2	2	2	2	2	1	1	1	1	1	0	0	0	0	0	0	1	2	3	2	2	1	1	1	1
14	1	1	1	1	1	1	2	2	1	1	0	0	0	0	0	0	1	1	1	2	2	2	2	2	1
15	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	3	2	2	2	2	1	1	2
16	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
17	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	2	3	3	3	4	4	5	5	2
18	4	3	3	2	1	1	1	1	1	1	1	2	2	2	3	4	4	4	3	3	2	2	1	1	2
19	1	1	1	1	1	1	1	1	2	2	****	****	3	4	4	4	6	5	5	4	4	3	2	2	3
20	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1
21	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1
22	1	-	1	1	-	0	1	1	1	1	1	1	1	1	2	2	3	2	2	2	1	1	1	1	1
23	1	1	1	1	0	1	2	2	2	2	2	2	1	1	2	2	4	3	2	3	3	3	4	3	2
24	2	2	1	1	0	0	1	0	0	0	1	1	1	1	1	1	1	2	2	2	2	****	2	3	1
25	4	5	5	4	3	2	3	3	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
26	1	1	1	1	2	1	4	5	2	1	1	0	0	0	0	0	1	1	1	0	0	1	1	1	1
27	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	1	2	3	2	2	2	2	2	2	1
28	2	2	1	1	2	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1
29	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	****	-	****	2	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	1
MEAN	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 97.5 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIOE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	2	2	2	2	3	2	3	2	1	****	1	2	1	1	1	1	1	1	2
2	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	2	3	3	2	2	2	2	1
3	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	3	****	3	2	2	2	1	1	1	2
4	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2
5	2	2	2	1	1	2	2	2	2	2	1	1	1	1	1	1	2	2	2	1	1	2	2	1	2
6	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2
7	2	2	1	1	1	1	2	3	3	2	2	****	2	2	2	2	3	2	2	2	2	1	1	1	2
8	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	****	1	1	1	1	1	0
9	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	1
10	1	1	1	1	1	1	4	5	4	3	2	2	2	2	2	3	5	5	5	6	3	2	2	2	3
11	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	4	4	4	2	3	2
14	2	3	3	3	3	3	4	4	3	3	****	3	3	****	2	****	4	4	3	4	3	3	3	3	3
15	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	3	3	3	3	2	3	3	3	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2
17	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	5	4	4	4	4	3	3	3
18	3	3	3	3	3	3	3	4	4	3	3	2	2	3	3	4	4	4	4	4	4	4	4	4	3
19	4	3	3	3	3	3	4	4	4	3	4	3	3	3	2	2	3	3	3	3	3	3	3	2	3
20	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	4	3	4	5	8	7	6	3
21	6	7	6	7	6	5	6	8	7	6	6	5	3	2	3	5	4	5	8	11	12	12	10	10	7
22	7	9	10	5	2	1	1	1	1	2	3	3	3	3	3	3	3	3	4	2	3	3	4	6	4
23	5	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	3	3	3
24	3	2	3	5	4	3	4	3	3	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
28	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	2	2	2	2	2	2	2	1
29	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	2	2	2	2	2	2	2	1
31	2	2	1	1	1	1	2	3	3	2	2	2	1	1	1	1	1	2	2	2	2	2	2	-	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	2	2	2.0

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTAR'O MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY ANO 2-HOURLY OATA FOR 1979

POLLUTANT - CARBON MONOXIOE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM REAOING
JAN		OATA UNAVAILABLE		
FEB	16	0.9	2	14
MAR	31	1.3	3	6
APR	27	1.0	3	6
MAY	30	1.6	3	10
JUN	30	1.B	4	6
JUL	31	1.0	2	S
AUG	31	1.2	2	12
SEP	30	1.7	3	B
OCT	30	1.7	4	9
NOV	30	1.5	3	10
OEC	31	2.0	7	12
YEAR	317	1.S	7	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY OISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIOE UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN		OATA UNAVAILABLE					
FEB	320	S7	3	0	1	0	381
MAR	4B2	214	34	0	0	0	730
APR	46B	161	29	0	0	0	65B
MAY	36B	302	43	1	0	0	714
JUN	297	351	49	0	0	0	697
JUL	S97	127	5	0	0	0	729
AUG	520	202	11	1	0	0	734
SEP	347	324	40	0	0	0	711
OCT	332	319	SO	1	0	0	702
NOV	423	233	4S	1	0	0	702
OEC	326	331	72	7	0	0	736
YEAR	44BO	2621	3B1	11	1	0	7494

FREQUENCY OISTRIBUTION BY PERCENTILES

PERCENT OF OATA VALIO	MIN	10	30	50	70	90	95	9B	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY OISTRIBUTION, PERCENT							
93.5	0	0.0	0.3	0.B	1.4	2.5	3.1	4.0	4.B	14	1.S

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
2	1	1	1	1	1	1	1	2	2	2	2	9	1	1	1	1	1	2	1	1	-	-	-	-	2
3	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
4	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	1	1	1	1	****	1	1	1	1	1	1	1	1	1	****	1	1
6	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1
7	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
8	1	0	0	0	0	0	1	2	3	2	2	1	0	****	0	0	1	1	1	1	1	0	1	0	1
9	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1
10	1	0	0	0	0	0	0	1	1	1	1	0	1	****	0	1	2	2	2	1	1	1	****	1	1
11	1	0	0	0	0	1	0	2	2	2	3	2	2	1	1	2	2	2	1	-	-	1	1	2	1
12	1	1	0	1	0	1	1	2	3	2	1	1	1	1	1	2	3	2	-	-	2	2	2	4	2
13	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1
16	1	1	1	1	1	1	1	1	2	2	****	1	1	1	1	2	2	3	3	3	3	3	3	3	2
17	3	4	4	3	2	2	2	2	2	2	2	2	2	2	3	5	5	6	5	4	2	2	2	2	3
18	2	1	1	1	1	1	2	2	3	2	-	-	2	2	5	2	2	3	2	2	2	2	2	2	2
19	2	1	1	1	1	2	2	3	5	5	4	4	-	3	2	2	2	3	3	3	3	1	1	2	2
20	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2
21	2	2	1	2	2	2	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
22	1	1	1	1	1	-	2	2	2	2	2	2	2	2	0	0	1	****	1	0	0	0	0	1	1
23	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0
24	0	0	0	0	0	0	0	1	0	-	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	1	1	1	****	2	1	1	1	2	1	2	2	1	1	1	0	1	1
26	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
27	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
28	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	1	1	0	0	0	0	2	3	3	3	3	2	2	2	2	2	1
30	2	2	2	2	2	2	2	2	3	2	2	1	2	2	2	2	3	-	2	2	2	2	2	2	2
31	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
MEAN	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	****	****	2	2	2
2	1	1	1	1	1	1	1	2	3	2	2	****	1	1	1	1	2	2	2	****	****	****	2	2	2
3	2	2	2	2	1	1	2	2	2	2	2	1	1	2	1	1	1	1	2	2	2	2	2	1	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	2	2	2	2	1	1	1	1
6	1	1	1	1	1	1	1	2	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	1	1	1	1	1	1	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	1	1	1	1	2	****	2	1	****	1	1	1	2	2	2	2	2	2	2	1	1	2
9	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2
10	2	2	1	1	1	1	1	2	2	3	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2
11	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	2
12	3	2	3	3	2	2	2	2	3	4	4	3	****	2	2	2	3	3	3	3	2	1	1	1	2
13	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	****	3	2	2	2	2	2
14	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3
15	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3	3	3	-	2	2	2	2	2	2
16	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	3	3	3	3	2	2	-	2	2	2
17	2	2	2	2	2	2	2	2	2	2	3	2	2	3	2	2	2	2	2	2	3	3	3	3	2
18	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	-	2	2	****	2
19	2	2	****	2	2	2	3	4	5	5	4	3	2	2	3	3	3	3	3	4	3	3	3	3	3
20	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	3	4	4	4	4	3	3
21	3	3	3	3	3	3	4	5	4	4	4	4	3	3	3	4	3	4	3	3	3	2	2	2	3
22	2	2	2	2	2	2	3	3	3	6	2	1	1	2	1	2	2	2	1	1	1	1	1	1	2
23	1	1	0	0	0	0	0	1	1	1	1	1	1	2	3	3	5	5	1	0	0	0	0	1	1
24	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	1	1	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0
26	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	3	4	****	3	2	2	2	1	2	1
27	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	1	1	3	4	5	6	4	3	2	2	2	3	3	3	3	5	4	5	5	3
MEAN	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 97.5 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	****	2	2	2	2	2	2	2	****	2	2	2	2	3	3	3	2	2	2	2	2	2
2	2	1	1	1	1	1	1	2	2	2	3	3	2	2	2	2	3	-	****	2	2	2	2	2	2
3	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	3	2
4	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	4	4	2
5	2	1	1	1	1	1	1	2	2	2	1	****	2	2	1	2	3	2	2	2	2	2	1	1	2
6	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
7	-	****	1	1	1	1	2	3	3	2	2	2	2	5	1	2	2	2	2	2	2	2	3	3	2
8	2	2	2	1	1	1	1	2	3	3	2	1	2	3	2	3	2	3	3	2	2	2	2	2	2
9	2	2	1	1	1	2	2	4	6	4	2	1	1	1	2	2	2	2	1	1	1	1	1	1	2
10	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	****	0	0	0	0	0	1	1	1	0	1	0	0	1	1	0	0
12	0	0	0	0	0	0	0	1	1	1	1	1	****	****	2	2	3	3	3	3	3	3	-	3	1
13	2	****	****	****	****	****	****	****	****	****	3	3	3	3	3	3	4	3	3	2	2	2	2	2	******
14	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	-	2	2	2	2	1	1	2	2	1	2	2	2	2	3	2	1	1	2	2
17	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	3	3	2
18	3	3	2	2	1	1	1	2	2	2	2	2	1	1	1	1	2	1	1	2	2	1	1	1	2
19	1	1	1	1	1	1	1	2	2	****	1	0	1	1	0	0	1	1	2	3	3	2	2	2	1
20	2	1	1	1	0	0	1	3	5	3	4	3	2	1	2	1	1	-	****	3	2	-	1	1	2
21	1	1	1	0	0	0	1	1	2	2	0	1	1	0	1	1	1	2	2	2	2	3	3	3	1
22	8	9	6	4	4	2	0	1	2	3	3	3	2	****	2	2	3	2	2	3	3	3	2	2	3
23	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	5	3	2	1	1	1	1	2
24	2	2	1	1	1	1	1	1	1	1	1	2	3	4	4	2	2	2	2	3	1	2	2	2	2
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	2	1	1	4	1	1	1	1	2	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	1	1	1	1	1
29	1	1	1	1	1	1	2	3	3	2	2	2	3	2	2	3	3	3	3	3	2	2	2	2	2
30	1	1	1	1	1	1	1	2	-	3	2	3	5	5	3	2	2	2	2	3	6	5	4	2	3
31	1	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	2	2	3	4	****	2	1	1	1	2	2	2	1	1	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0
4	1	0	0	0	0	0	0	2	1	1	1	1	1	1	1	1	2	1	1	0	0	0	1	1	1
5	1	0	0	0	0	****	0	1	-	-	0	1	****	0	0	1	1	1	1	1	1	1	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0
9	0	0	0	0	0	0	0	1	2	1	1	1	14	2	2	3	4	3	3	2	3	2	3	3	2
10	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	1	1	2	2	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
12	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	1	2	2
13	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	2	3	3	4	3	2
15	3	2	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	2	2	1	1	1	1
16	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	3	****	2	1	****	2	1	2	2
17	1	1	1	1	1	1	1	2	2	2	2	1	1	-	-	1	1	1	1	1	1	1	1	1	1
18	1	0	0	0	0	0	1	1	1	1	1	****	-	-	1	1	1	1	1	1	1	1	1	1	1
19	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	0	0	1	1	2	2	3	2	1	2	2	1	1	2	1	2	3	2	1	1	3	2
21	2	1	2	7	3	1	1	1	1	2	1	1	1	2	1	1	1	1	2	2	2	1	2	2	2
22	2	4	2	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	2	3	2	1	1
23	1	1	0	1	0	1	2	3	3	2	1	5	1	1	1	1	2	2	1	2	2	2	3	4	2
24	1	1	2	2	1	1	1	2	3	2	2	3	2	2	2	2	2	2	2	2	1	1	2	3	2
25	4	4	3	1	1	****	1	1	2	2	3	2	2	2	2	3	4	4	2	2	2	2	2	3	2
26	3	1	2	1	0	0	0	1	1	1	1	1	1	1	1	2	4	3	2	1	1	1	1	1	1
27	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
28	1	1	1	0	0	0	1	1	1	1	1	1	1	2	2	1	1	2	2	2	1	1	2	2	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	0	1	1	2	2	2	2	2	2	1	1	1	2	1	1	1	1	1	1	1	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1	1	1	1	1	2	1.2

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	0	0	1	1	2	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
3	1	1	0	0	0	1	1	1	1	1	2	2	2	2	4	6	8	5	3	1	1	1	1	0	2
4	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	-	1	1	1	1	1	1	1	1
5	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
7	0	0	0	0	0	0	1	1	1	****	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	3	5	5	4	3	3	2	2	2	3	3	3	4	3	3	3	3	1	3
9	0	0	0	1	1	2	5	6	2	2	2	1	1	1	1	2	1	1	1	1	2	2	2	2	2
10	2	4	3	1	1	2	4	4	3	1	1	1	2	2	2	2	3	2	4	2	2	2	3	2	2
11	2	1	1	0	1	1	3	3	2	2	2	2	2	1	1	1	1	0	1	1	1	2	4	6	2
12	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	0	1	0	1
13	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1
14	1	1	1	1	1	2	2	2	2	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	0	1	1	0	0	1	1	1	1	1	2	2	2	1	1	2	2	1	1	2	1	1	1	1	1
16	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
17	-	2	1	****	2	2	3	4	3	2	****	2	2	1	2	2	2	1	1	1	2	1	1	1	2
18	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1
20	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1
21	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	****	1
23	1	1	1	1	1	1	2	2	1	1	1	1	2	2	1	1	1	1	2	2	1	1	1	1	1
24	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	2	2	1	1
25	1	1	1	1	-	****	1	2	2	2	2	****	2	3	2	3	3	2	2	2	1	2	2	1	2
26	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1	1	2	2	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
28	1	1	1	1	1	2	2	2	2	2	****	1	1	1	1	2	3	2	2	2	2	2	3	3	2
29	3	2	1	1	2	3	4	3	4	4	3	3	2	1	2	2	2	2	1	1	2	2	2	2	2
30	2	2	1	1	1	2	2	2	3	3	2	2	2	1	1	1	1	1	1	1	1	-	2	2	2
31	3	2	2	2	2	3	6	8	3	2	2	1	1	1	1	1	1	1	1	2	2	2	2	1	2
MEAN	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	2	1	1	1	1	1	2	1	1.4

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	1	1	1	1	1	1	1	1	1	1	****	-	-	****	****	****	****	****	****	****	****	****	****	******
2	****	****	****	****	****	****	****	****	****	0	1	1	1	1	1	1	1	1	1	1	1	2	3	2	******
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	2	1
4	1	1	1	1	1	1	2	2	8	3	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2
5	1	1	1	1	1	2	2	2	1	2	2	-	2	1	1	2	1	1	1	1	2	2	2	2	1
6	1	1	1	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	1	2	2	2	2	1	2
7	1	1	1	1	1	2	3	4	3	3	2	2	2	2	2	1	2	2	2	2	3	4	4	3	2
8	2	1	1	1	1	1	2	2	****	2	1	2	2	2	2	2	2	****	****	2	2	3	4	3	2
9	3	2	3	3	2	2	3	4	****	****	****	****	****	****	****	****	****	****	****	1	2	2	2	3	******
10	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	5	1	1	1	1	1	1	-	-	1	1	1	2	1	1
12	1	1	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	****	1	2	2	1	1	1
13	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
14	1	2	1	1	****	2	****	****	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
15	1	1	1	0	1	1	2	2	6	2	****	****	2	2	2	2	1	1	1	1	1	1	1	1	2
16	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1
17	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
18	0	0	0	0	****	0	1	1	1	1	****	1	1	1	1	2	2	1	1	1	1	2	3	2	1
19	1	1	0	0	0	1	1	3	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
20	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
21	1	0	0	0	1	1	2	3	2	2	2	2	1	1	1	2	1	1	1	1	2	2	1	1	1
22	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	****	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
25	1	1	1	1	1	1	2	2	2	S	6	2	2	1	2	2	-	2	2	2	2	2	2	3	2
26	4	4	3	2	2	2	4	5	2	2	2	2	2	2	****	2	2	2	2	3	4	2	2	1	3
27	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2	3	2	2	2	3	2	2	2	2	2
28	1	1	1	1	1	2	2	3	4	4	3	2	2	2	2	2	2	2	2	3	3	2	2	2	2
29	2	2	2	1	1	2	2	3	2	2	****	2	1	1	1	2	1	1	1	2	2	2	2	-	2
30	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	-	1	1	1	2	2	1	2	1	1
MEAN	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	1	1	1	1	2	2	2	2	1.4

PERCENTAGE OF DATA VALID - 92.2 PERCENTAGE OF DATA INVALID - 6.4 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	2	2	1	1
2	0	0	1	1	1	1	6	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
3	0	0	0	0	0	1	1	2	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	0	0	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	0	0	0	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	0	0	1	1	2	3	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
8	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1
9	2	2	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	1	1	0	0	1	1	1	1	1	2	2	-	2	2	2	1	2	2	2	1	1	1	2	1	1
11	1	1	0	0	0	1	2	2	2	3	2	2	2	2	2	3	2	2	2	1	1	1	2	2	2
12	3	3	2	2	1	1	2	3	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	2	1	1	1	2	2	3	2	2	2	2	2	2	2	2	1	1	1	2	2	3	3	3	2
14	3	3	3	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	1	2	1	0	0	1
15	0	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	3	3	2	1	1	1
16	1	1	1	1	1	1	2	3	2	1	2	2	2	2	3	4	3	1	1	1	1	1	1	1	2
17	1	1	1	1	2	2	3	-	2	2	1	1	1	1	1	2	2	2	1	2	2	2	2	1	2
18	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	1	1	1	1	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2
20	2	2	1	1	1	1	2	3	2	****	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1
21	****	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
22	3	2	1	0	0	0	-	1	1	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	******
23	****	****	****	****	****	****	****	0	0	****	****	****	****	0	8	2	2	1	1	1	1	1	1	1	******
24	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	0	0	1	1	1	1	1	1	1	****	1	1	1	0	1	0	0	0	0	0	6	0	1
26	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	1	2	2	2	1	0	-	0	1	1	1	1	1	2	2	1	1	1
28	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1
29	1	1	0	0	0	1	0	0	0	0	0	1	1	1	0	1	0	1	1	1	1	2	2	1	1
30	1	1	1	0	0	1	2	3	2	1	8	2	1	1	2	2	2	1	1	1	1	1	2	1	2
31	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2
MEAN	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 3.6 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	1	1	2	2	2	1	1	2	1	1	2	1	1	1	1	1	1	2	1	1
2	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1
3	2	1	1	1	1	1	3	2	2	2	2	2	2	2	3	2	2	1	1	2	2	2	2	2	2
4	2	2	2	1	1	1	2	2	1	2	1	2	2	2	2	1	1	1	2	3	3	3	2	3	2
5	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	3	1
7	2	1	1	1	2	2	2	2	1	1	1	1	****	1	1	2	2	2	2	1	1	1	1	1	1
8	1	1	1	1	1	1	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1
9	1	1	1	1	1	1	2	2	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	2	3	3	2	1	****	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	2	2	2	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
13	2	3	2	1	2	2	4	5	3	5	1	1	2	2	2	2	2	1	1	1	1	1	1	1	2
14	0	0	0	0	1	1	2	2	1	1	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
15	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	1	0
16	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	1
17	1	1	1	1	1	1	2	3	3	1	2	2	1	1	1	1	1	1	1	1	1	0	1	0	1
18	1	0	0	0	0	0	0	0	1	1	1	1	1	2	3	3	3	3	4	5	5	5	3	3	2
19	7	6	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3	1	1	1
20	0	1	0	0	0	1	2	2	2	5	2	1	1	1	1	1	2	2	1	2	2	3	3	3	2
21	3	3	3	3	4	2	3	2	2	3	3	2	2	2	2	2	2	1	1	2	4	6	4	2	3
22	2	1	1	1	1	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	2	2	2	2	2	3	4	4	4	4	3	3	3	3	3	3	3	2
24	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	1	2
25	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1	2	2	2	2	2	2	1
27	2	1	1	****	1	2	2	3	3	2	2	1	2	2	****	1	2	1	1	1	1	1	1	1	2
28	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
29	0	0	1	0	0	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
30	1	1	0	0	0	1	2	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	1	1	1
31	1	1	1	1	1	1	2	3	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	2	2
MEAN	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1	2	1	1	2	2	2	2	2	1.4

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	3	2	2	2	2	2	2	2	2	2	1	1	2	1	2	2	2	2	2	1	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
4	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	3	2	2	3	3	2	3	3	2
6	2	2	2	1	1	1	2	3	3	3	2	2	2	3	2	2	3	2	2	2	2	2	2	2	2
7	1	1	1	1	1	2	2	3	2	2	3	2	2	2	3	3	3	3	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
9	3	3	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
10	2	2	2	2	2	2	3	3	2	2	****	3	3	3	3	3	3	3	2	2	3	3	3	3	3
11	2	2	2	2	2	3	3	4	4	3	3	3	3	3	3	-	3	3	3	4	3	4	4	4	3
12	3	2	2	2	3	3	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
13	2	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	1	2
14	1	1	1	1	1	1	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2
15	2	2	2	2	2	2	3	3	2	2	2	2	3	2	3	2	2	3	3	3	3	3	3	3	2
16	3	3	2	2	2	2	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	2	2	2	2	2	3	4	5	4	3	****	1	1	1	1	1	1	1	1	1	1	1	1	1	2
18	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	****	1	0	0	0	1
19	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	****	2	1	1	1	1	1	1
20	1	1	1	1	2	2	4	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	2	2	2	1	****	1	1	1	1
22	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	1
24	2	2	1	1	1	1	2	3	2	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	2	2	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	2	3	3	4	4	3	1
27	3	2	3	3	1	1	2	4	4	2	2	2	1	1	1	1	1	1	1	2	3	1	2	1	2
28	1	0	0	0	0	1	1	1	****	****	0	0	0	1	1	1	1	1	1	1	1	1	3	4	1
29	3	2	2	1	1	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1
30	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0
MEAN	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	0	3	2	2	1	2	2	2	1	1	2	2	2	2	1	1
2	1	1	1	0	0	1	2	3	3	2	2	1	1	1	1	2	1	1	1	1	1	1	0	0	1
3	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	1	2	1	0	1	1	1	0	1
4	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	3	3	2	2	2	2	2	3	3	2
5	1	1	1	0	0	1	1	2	1	1	1	1	1	1	2	3	2	2	2	2	1	1	1	1	1
6	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1
7	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	0	-	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	0	0	0	1	1	1	2	2	1	-	****	1	1	1	1	1	1	1	2	1	1	1	1	1
10	1	1	-	0	1	****	3	5	5	2	1	1	1	1	1	1	1	1	2	2	1	2	2	1	2
11	1	1	0	0	0	1	2	2	3	3	2	1	1	1	****	1	2	1	2	1	1	0	0	0	1
12	0	0	0	0	0	0	1	2	1	1	1	2	2	2	2	3	3	2	2	2	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
14	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	2	-	3	****	3	2	2	2	2	1	1	2	2	1	1	1	1	1	2
16	1	1	1	1	1	1	2	2	2	1	1	-	1	1	1	2	1	1	1	1	1	1	1	1	1
17	2	1	1	1	1	1	3	-	-	4	4	5	8	7	9	7	7	7	8	7	7	6	6	7	5
18	5	2	1	1	1	1	2	3	1	****	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2
19	1	1	1	1	1	1	1	2	1	2	1	2	2	2	2	4	-	3	1	1	1	1	1	1	1
20	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
22	1	1	1	1	1	2	5	2	1	1	7	1	1	1	2	2	2	2	2	2	2	1	2	1	2
23	1	1	0	0	1	1	1	2	2	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1
24	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	2	2	2	1	1	1	-	1	1	1
25	1	1	1	1	1	1	2	2	2	1	1	2	1	1	2	2	2	2	2	2	2	2	2	1	2
26	1	1	1	1	1	1	2	2	2	2	2	2	2	-	2	2	2	2	2	2	2	1	1	1	2
27	1	1	1	1	1	1	2	2	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	1	1	1	1	2	2	2	1	2	1	2	-	2	2	2	2	2	2	2	2	1	1	2
29	1	1	1	1	1	1	1	2	2	2	2	6	1	1	1	1	2	2	1	1	1	1	1	1	1
30	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	0	0	1
31	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	3	2	2	2	2	3	4	3	1
MEAN	1	1	1	0	1	1	1	2	2	1	2	2	2	1	2	2	2	2	2	2	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	2	2	3	2	3	3	3	3	3	3	3	7	6	3	1	1	1	2	2
2	1	1	1	1	1	1	1	2	3	2	1	2	2	2	2	2	3	4	3	2	2	2	1	1	2
3	1	2	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	1	1	2	1	1	-	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1	1	1	2	1
5	2	2	2	1	1	3	3	3	2	6	1	1	1	1	1	2	2	1	1	1	1	2	2	1	2
6	2	2	2	2	1	1	1	3	3	5	3	2	2	2	3	3	3	3	4	4	3	3	4	3	3
7	1	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
8	1	1	1	1	1	-	****	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1
9	1	1	1	1	2	1	2	3	4	4	2	2	2	2	2	2	3	3	2	-	-	1	2	2	2
10	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	-	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	2	1
12	1	1	1	-	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	3	4	4	3	2
13	3	2	1	1	1	1	1	2	4	3	2	7	2	2	2	2	2	2	3	2	2	1	1	1	2
14	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	1	1	1	2	2	1
15	1	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	3	2	3	3	2	1	1	1	2
16	1	1	0	1	1	1	1	2	2	****	2	1	1	1	1	2	3	2	2	1	1	1	1	2	1
17	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	3	4	6	4	6	2
18	7	4	2	2	3	5	3	2	3	3	2	1	2	1	1	1	1	1	2	1	1	1	1	1	2
19	1	0	1	1	1	1	1	1	2	1	1	4	****	1	2	3	3	2	2	1	1	2	2	2	2
20	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
21	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1
22	1	1	1	1	0	1	1	2	2	2	2	2	2	1	2	2	2	2	2	1	1	1	1	1	1
23	1	0	0	0	0	0	1	2	2	3	2	1	1	2	2	3	5	5	4	4	4	3	4	5	2
24	5	2	1	0	0	0	0	1	0	0	1	1	1	1	1	1	2	2	2	2	2	****	1	1	1
25	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
26	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	****	****	3	3	3	3	3	3	3	2	2	2
29	2	2	2	2	2	2	3	3	3	****	2	2	1	1	1	1	-	****	1	1	1	1	1	1	2
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
MEAN	2	1	1	1	1	1	1	2	2	2	1	2	1	1	1	2	2	2	2	2	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	****	2	3	3	2	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1
3	1	1	1	1	1	1	1	2	2	2	8	1	1	1	1	1	****	2	2	2	2	2	2	2	2
4	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
5	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
6	2	2	1	1	1	2	2	3	4	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
8	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	****	2	2	2	2	2	2
9	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	1	1	1	1	2	2	2	2	3	****	2	2	2	2	1	2	2	2	2	2	2	1	1	2
11	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1
12	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
13	1	1	1	0	1	1	1	2	2	2	2	2	2	2	2	2	3	4	3	2	3	2	1	1	2
14	1	1	1	1	1	1	1	1	2	2	1	1	1	****	1	1	2	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	2	3	3	3	****	2	1	2	1	2	2	2	2	1	1	1	1	2
18	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	4	4	2	3	3	2	1	1	2
19	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	1	1	1	1	1	1	2	3	3	2	2	3	3	3	3	4	6	5	6	6	5	2	1	3
21	2	1	1	1	1	1	1	1	2	2	2	2	3	2	2	3	2	2	3	2	3	3	2	2	2
22	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	3	2	2
23	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
24	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	1
31	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	3	-	2
MEAN	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1.5

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.2	3	9
FEB	28	1.9	3	6
MAR	30	1.7	3	9
APR	30	1.2	2	14
MAY	31	1.4	3	8
JUN	27	1.4	3	8
JUL	29	1.2	2	8
AUG	31	1.4	3	7
SEP	30	1.7	3	5
OCT	31	1.4	5	9
NOV	30	1.5	3	7
DEC	31	1.5	3	8
YEAR	359	1.5	5	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	480	227	14	1	0	0	722
FEB	222	399	34	0	0	0	655
MAR	331	363	22	1	0	0	717
APR	473	221	12	0	1	0	707
MAY	499	207	23	0	0	0	729
JUN	428	218	18	0	0	0	664
JUL	506	204	3	0	0	0	713
AUG	476	242	20	0	0	0	738
SEP	336	358	18	0	0	0	712
OCT	500	205	22	1	0	0	728
NOV	426	247	30	0	0	0	703
DEC	410	316	11	0	0	0	737
YEAR	5087	3207	227	3	1	0	8525

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
97.3	0	0.0	0.4	0.8	1.3	2.0	2.7	3.5	4.3	14	1.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	11	2	1	1	1	1	1	1	2	2	3	6	8	7	7	5	5	4	2	1	2	1	2	4
2	1	1	1	0	0	0	0	2	3	2	2	3	4	4	6	6	7	8	5	3	2	2	1	1	3
3	1	1	1	1	1	1	1	2	3	2	2	2	3	3	****	3	4	3	2	3	2	2	2	2	2
4	2	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2
5	1	1	1	1	0	0	1	2	3	2	2	3	3	****	4	4	4	5	5	4	6	5	6	6	3
6	4	6	4	2	1	1	1	2	2	2	2	2	1	1	2	2	2	2	2	2	2	3	5	9	3
7	5	5	3	2	2	1	1	2	2	2	3	2	4	5	7	10	7	6	6	5	3	5	3	4	4
8	3	2	1	1	1	1	2	4	6	4	4	3	3	3	3	4	4	5	4	4	3	3	2	3	3
9	2	2	1	1	1	1	1	1	2	2	2	2	2	2	3	2	3	3	2	3	3	3	4	3	2
10	3	3	2	2	1	1	1	2	4	3	2	3	3	2	3	3	6	9	5	4	3	4	3	7	3
11	5	4	3	5	2	1	1	2	5	5	4	3	4	4	5	3	5	6	5	5	6	5	4	5	4
12	4	3	3	3	2	2	3	6	10	7	5	6	8	5	6	6	8	11	8	7	9	15	17	21	7
13	19	14	10	5	3	2	1	2	2	3	3	3	4	5	4	4	5	4	4	6	6	6	8	8	5
14	6	7	6	3	3	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	2	2	2	1	2
15	1	1	0	0	0	0	1	1	2	2	2	2	3	3	2	3	3	4	3	2	1	2	2	2	2
16	3	2	1	1	1	1	1	3	4	3	3	3	3	4	4	4	5	5	5	6	6	6	6	8	4
17	8	7	5	4	2	1	1	3	3	3	5	5	4	****	6	9	9	10	7	5	3	3	2	2	5
18	2	1	1	1	1	1	1	1	3	3	2	2	2	2	3	4	5	4	4	4	3	3	5	4	3
19	5	4	3	2	1	1	3	6	9	9	8	10	10	6	4	7	7	8	8	9	11	10	8	9	7
20	8	6	6	4	3	2	2	2	3	4	5	5	7	7	9	11	9	8	10	16	9	9	14	10	7
21	9	9	5	3	2	2	2	2	2	2	3	3	4	5	4	4	2	2	2	2	2	2	2	2	3
22	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2
23	3	2	3	1	1	1	1	2	2	2	3	3	6	7	6	6	7	9	7	6	9	7	6	6	4
24	5	4	3	3	2	2	2	3	4	4	3	5	4	5	5	5	6	5	5	4	4	3	3	3	4
25	2	3	2	2	2	2	2	5	9	8	8	8	6	5	4	4	4	6	4	3	5	4	4	4	4
26	3	2	2	1	1	1	1	2	3	3	3	3	3	4	4	3	5	5	5	5	5	6	7	7	4
27	5	4	3	2	2	1	2	3	4	4	5	6	8	12	12	8	9	19	18	17	20	12	9	15	8
28	19	11	5	3	2	2	1	1	1	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	3
29	1	1	1	1	1	1	1	2	4	3	3	2	2	3	****	3	3	4	3	2	2	2	2	2	2
30	2	2	1	1	1	1	1	2	3	4	3	2	3	3	3	4	4	5	4	3	2	3	4	2	3
31	2	2	2	1	1	1	1	2	3	4	4	3	2	3	3	4	5	4	4	3	2	2	3	2	3
MEAN	5	4	3	2	1	1	1	2	3	3	3	3	4	4	4	5	5	6	5	5	4	4	5	5	3.7

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	1	2	3	3	3	4	3	4	4	4	4	4	4	3	3	4	3	3	3
2	3	2	1	1	1	1	1	2	4	4	****	4	3	3	3	4	5	6	4	4	4	5	8	8	4
3	6	4	5	3	3	4	3	3	4	3	3	3	3	4	4	4	5	4	6	7	10	8	10	6	5
4	5	5	2	3	2	1	1	1	1	1	1	1	2	2	2	2	2	3	2	2	1	2	2	1	2
5	1	1	0	0	0	0	1	2	3	2	2	2	2	2	2	3	3	4	3	3	3	3	2	2	2
6	3	1	1	1	1	1	2	5	8	10	6	4	3	3	4	3	2	2	3	4	3	4	4	4	3
7	3	4	3	2	2	1	2	5	6	3	5	7	8	6	6	6	6	9	6	6	7	7	5	4	5
8	4	4	2	1	1	1	1	2	3	3	2	2	2	2	3	3	4	4	2	2	2	1	1	1	2
9	2	2	1	1	0	0	1	2	3	3	3	3	4	3	3	4	6	6	5	4	4	5	5	6	3
10	6	7	3	2	1	1	2	2	2	5	7	6	5	6	4	3	3	2	2	3	3	6	5	5	4
11	5	6	4	2	1	1	1	1	2	2	2	3	5	3	3	3	3	4	4	5	5	9	3	4	3
12	3	3	3	2	2	2	3	5	8	9	8	****	8	9	9	7	9	10	7	5	5	5	4	4	6
13	3	4	5	1	1	1	3	6	7	7	7	7	4	4	4	4	5	6	6	4	3	3	3	3	4
14	3	4	3	2	2	1	2	5	8	8	6	11	11	9	9	10	8	10	7	9	10	8	9	13	7
15	6	4	3	2	1	2	2	4	6	6	5	5	6	7	7	6	6	7	6	5	6	6	8	6	5
16	6	5	3	2	2	2	2	4	7	7	6	4	5	5	3	4	4	5	4	2	3	6	5	4	4
17	4	4	2	2	1	1	1	2	2	3	4	6	6	6	4	5	5	5	3	4	9	7	5	8	4
18	7	10	8	4	2	2	1	2	2	2	1	4	3	4	4	6	6	5	5	6	3	4	4	5	4
19	3	1	1	1	0	1	2	6	8	7	5	4	4	3	3	4	4	4	5	3	3	2	2	1	3
20	2	2	1	1	1	1	1	1	2	2	2	3	4	3	3	4	4	5	4	2	2	5	5	3	3
21	5	2	3	2	2	2	2	6	8	7	6	9	6	2	3	2	2	2	2	2	2	2	1	1	3
22	1	1	1	1	1	0	1	1	3	3	4	4	5	8	6	4	5	9	10	11	10	11	10	7	5
23	5	4	2	1	1	1	1	4	6	5	****	10	9	11	11	11	11	10	7	4	4	5	3	5	6
24	6	9	5	2	2	1	2	2	3	5	5	5	6	5	3	7	6	5	5	6	5	6	11	18	5
25	13	10	6	4	3	1	1	2	2	2	3	3	5	7	9	10	10	11	13	11	9	8	7	5	6
26	4	2	1	1	1	1	1	4	6	6	5	5	5	4	7	7	8	9	9	6	6	6	6	5	5
27	5	5	3	1	1	1	1	2	3	4	4	3	3	2	3	3	4	4	5	3	4	5	5	4	3
28	3	4	4	2	1	1	1	2	4	7	7	5	4	****	4	4	5	5	4	8	13	14	14	14	6
MEAN	4	4	3	2	1	1	2	3	4	5	4	5	5	5	5	5	5	6	5	5	5	6	5	5	4.1

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	5	3	2	1	1	1	4	5	5	5	6	8	7	7	8	8	10	8	8	8	9	8	5	6
2	3	2	1	1	1	1	1	3	5	3	4	5	6	4	3	4	6	4	5	7	9	15	19	12	5
3	8	10	7	4	2	2	2	2	3	4	4	5	8	8	12	13	15	17	19	22	14	18	20	21	10
4	16	17	9	6	4	2	2	2	3	4	4	5	7	9	8	11	16	6	19	22	19	14	18	11	10
5	7	3	2	2	1	1	1	2	3	2	1	2	2	2	2	2	2	5	4	3	3	4	4	4	3
6	2	2	2	1	1	1	1	2	2	2	4	3	2	3	3	3	3	4	3	2	2	3	2	2	2
7	3	2	2	1	1	1	2	7	9	4	5	4	6	6	9	7	9	14	14	18	16	13	14	12	7
8	9	8	5	3	2	2	2	7	11	9	8	8	10	6	8	6	8	11	11	7	9	10	8	5	7
9	5	5	4	4	2	3	3	10	12	8	6	4	5	5	7	7	11	12	9	9	15	20	21	16	8
10	4	3	3	2	1	1	1	1	2	2	2	1	2	3	4	5	5	2	3	5	3	3	4	6	3
11	4	4	2	1	1	1	1	1	1	1	2	2	3	2	2	2	2	3	3	2	2	3	2	2	2
12	2	1	1	0	0	1	1	2	2	2	2	2	3	2	2	3	3	3	3	3	3	3	3	2	2
13	3	2	1	1	1	1	1	2	2	2	2	3	3	3	4	****	4	3	2	1	1	2	1	1	2
14	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	2	2	2	3	3	2
15	1	1	1	1	1	1	1	2	4	3	2	2	2	3	2	3	3	3	3	2	3	5	3	3	2
16	2	3	2	1	1	1	1	2	3	3	2	3	3	3	3	****	5	4	5	4	3	4	5	4	3
17	2	2	2	3	2	2	2	3	4	3	3	4	5	6	8	8	15	17	19	18	19	18	20	23	9
18	21	21	14	6	4	2	2	3	3	3	3	3	3	4	6	11	15	16	15	19	20	15	7	6	9
19	4	2	2	1	1	1	2	5	6	4	6	6	10	9	8	8	7	8	11	12	9	8	10	9	6
20	10	5	5	4	1	1	3	7	10	10	10	7	9	6	6	5	7	6	17	10	13	14	6	10	8
21	4	7	4	2	1	2	2	6	9	6	6	10	6	7	8	9	8	12	14	20	14	11	21	26	9
22	20	20	14	8	7	4	2	5	9	7	6	8	8	8	9	9	8	15	13	15	18	30	18	16	12
23	9	9	6	4	3	2	3	6	8	7	7	10	14	15	13	13	13	17	15	12	13	3	3	8	9
24	17	19	12	5	2	1	1	2	2	4	5	7	14	17	21	22	16	16	6	23	12	9	12	9	11
25	5	2	1	1	1	1	1	1	1	1	1	1	2	3	2	4	3	3	4	4	5	3	4	3	2
26	3	2	1	1	0	0	1	2	3	2	2	2	2	2	****	2	3	3	3	2	3	3	2	3	2
27	3	2	1	1	1	1	1	2	3	3	2	3	3	3	3	3	4	5	4	3	3	3	3	3	3
28	3	3	2	2	1	2	2	2	3	3	3	4	4	5	6	6	6	8	9	14	11	10	3	2	5
29	2	2	1	1	1	1	4	10	6	3	3	4	7	5	5	8	9	13	9	9	9	8	7	8	6
30	8	5	3	2	2	2	2	4	8	8	13	10	15	11	6	3	4	5	2	4	20	27	29	22	9
31	6	3	4	6	4	1	1	2	2	4	3	2	3	3	4	5	4	3	3	4	4	5	7	7	4
MEAN	6	6	4	3	2	1	2	4	5	4	4	4	6	6	6	7	7	8	8	9	9	10	9	9	5.7

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	15	8	4	2	2	2	1	2	2	2	3	4	7	7	9	10	9	7	8	9	5	5	3	6
2	3	1	1	1	1	1	1	4	9	10	12	13	8	4	6	3	3	4	4	2	2	3	2	2	4
3	2	2	1	1	1	1	1	2	3	3	2	2	3	3	3	3	5	7	7	6	5	8	7	9	4
4	5	4	5	2	1	1	2	4	6	5	4	5	4	6	4	4	4	5	4	3	4	3	3	6	4
5	4	2	1	0	0	0	0	1	2	3	2	2	2	2	2	3	2	3	4	3	6	5	1	1	2
6	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
7	1	1	1	0	0	0	0	1	1	1	1	1	2	3	3	3	4	4	4	4	3	4	6	5	2
8	4	3	2	2	2	1	1	1	1	1	2	3	4	6	7	8	9	6	7	5	3	3	2	2	4
9	1	1	0	0	0	0	0	2	4	5	5	6	6	6	7	7	7	7	7	8	7	4	4	5	4
10	2	1	1	0	0	0	0	1	3	3	3	2	2	2	3	3	4	4	4	3	3	3	3	3	2
11	3	3	3	1	1	1	2	4	5	4	4	6	5	6	5	7	7	8	7	7	9	9	8	7	5
12	5	3	2	1	1	0	0	2	3	3	4	6	6	6	6	6	6	7	7	7	6	9	10	14	5
13	8	7	4	2	1	0	1	1	1	1	2	3	5	6	8	9	11	10	9	10	14	13	11	14	6
14	9	4	3	2	2	1	1	1	1	2	3	3	3	3	4	4	16	15	18	16	21	17	11	11	7
15	12	6	2	2	1	1	1	1	1	1	2	2	3	3	3	3	2	2	3	4	3	3	2	2	3
16	2	1	1	1	0	0	1	1	3	2	2	2	3	4	3	2	2	4	3	2	2	2	1	2	2
17	2	1	1	0	0	1	1	2	4	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2
18	4	5	3	1	1	0	1	2	3	2	2	3	2	3	3	4	3	3	3	3	2	2	2	3	3
19	3	4	3	1	0	1	2	4	6	3	3	4	3	5	4	4	4	5	4	4	4	5	6	5	4
20	4	4	4	2	2	2	2	6	8	8	8	7	6	8	5	4	5	4	5	14	20	20	10	11	7
21	8	11	11	13	7	2	3	3	4	4	4	5	5	9	10	10	11	11	16	18	23	24	28	23	11
22	16	20	10	4	3	1	1	1	2	2	2	3	4	4	4	4	4	6	6	4	11	9	8	6	6
23	7	5	3	2	2	3	3	5	6	4	3	5	8	5	6	6	6	9	14	21	24	14	15	16	8
24	8	7	6	5	2	2	2	5	7	6	10	8	7	7	8	8	7	7	9	11	11	11	9	10	7
25	9	10	7	4	2	2	2	5	9	9	9	10	11	9	9	11	10	13	9	9	11	18	14	14	9
26	11	9	6	4	2	1	1	1	2	2	2	2	2	3	3	3	9	13	9	7	9	9	8	7	5
27	7	8	5	1	1	1	1	2	3	3	3	4	4	6	4	5	6	5	4	3	3	5	5	7	4
28	8	4	3	2	1	1	1	2	3	4	4	6	9	10	9	10	8	13	10	10	11	7	4	8	6
29	5	5	2	1	0	0	0	1	1	1	1	1	1	2	5	6	8	9	3	2	3	3	5	4	3
30	2	1	1	0	1	1	5	6	5	7	8	9	9	****	7	5	4	3	3	3	4	4	3	2	4
MEAN	6	5	3	2	1	1	1	2	4	4	4	4	4	5	5	5	6	7	6	7	8	8	7	7	4.6

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	2	3	2	3	3	3	3	3	4	4	4	3	4	4	5	4	7	7	3
2	5	3	3	3	3	2	6	7	5	5	5	6	5	6	5	7	8	8	8	12	13	11	9	5	6
3	5	3	1	1	1	2	4	5	5	6	8	9	10	13	13	15	21	10	8	3	3	4	3	3	7
4	3	2	2	1	1	2	3	4	5	6	4	4	4	4	6	6	5	4	3	6	6	5	5	5	4
5	6	3	2	1	1	1	2	2	2	3	4	4	3	2	3	5	5	6	5	5	7	6	7	13	4
6	16	9	6	3	2	2	2	3	3	4	4	9	6	7	11	11	9	13	15	10	8	10	6	4	7
7	3	2	1	1	1	2	4	4	5	6	6	5	8	6	6	6	6	8	13	11	9	7	9	5	6
8	4	4	3	2	2	3	7	12	11	9	10	10	10	****	7	9	10	10	12	18	16	15	15	6	9
9	2	1	1	3	3	5	9	11	4	4	4	4	5	4	5	7	4	2	2	3	7	13	13	14	5
10	9	12	9	4	4	5	8	8	8	6	4	4	9	8	8	6	9	9	14	12	11	12	13	14	9
11	9	7	5	3	2	3	7	10	8	7	9	7	8	9	9	8	8	8	14	20	20	34	41	35	12
12	16	17	4	3	3	3	2	4	5	5	5	5	9	8	7	9	7	8	4	4	4	4	3	3	6
13	3	2	1	1	1	1	1	1	1	2	2	2	2	2	3	4	3	3	4	5	5	12	5	4	3
14	2	1	1	1	1	1	2	3	3	4	4	3	4	3	3	3	3	3	5	5	4	4	5	3	3
15	3	3	1	1	1	1	3	5	6	6	5	4	4	3	4	3	4	5	10	10	3	4	4	2	4
16	1	1	0	0	0	1	2	3	3	3	2	3	3	3	3	4	4	3	3	7	13	8	7	5	3
17	4	3	2	2	2	3	5	6	6	4	****	5	5	3	4	6	7	8	6	8	12	11	9	7	6
18	8	5	4	2	2	3	6	7	7	8	7	6	7	8	8	8	9	6	8	17	17	16	24	25	9
19	24	12	7	4	3	3	3	3	4	4	5	7	7	8	13	9	11	10	15	21	19	25	25	25	11
20	24	2	2	1	2	2	3	3	3	3	3	4	5	8	7	9	11	11	14	19	26	28	26	18	10
21	12	5	2	4	3	3	2	2	3	2	3	3	3	3	3	3	3	3	3	2	3	3	4	3	3
22	2	1	2	2	1	2	4	7	6	5	4	5	3	4	4	7	4	5	6	10	9	9	6	5	5
23	4	3	2	2	1	2	5	6	4	4	5	4	6	11	6	6	9	9	10	14	14	18	11	9	7
24	8	5	3	2	1	2	5	7	6	7	6	9	9	7	6	7	8	8	9	16	19	19	13	6	8
25	5	3	2	1	1	1	4	6	6	6	10	9	11	12	8	8	10	8	9	11	15	16	21	13	8
26	12	7	4	2	1	1	2	3	4	5	6	6	7	8	9	11	14	6	17	17	18	8	4	8	8
27	10	5	2	1	1	1	1	1	1	1	2	3	6	7	8	13	13	14	15	20	25	16	14	8	8
28	3	2	2	1	1	3	3	4	5	4	4	2	3	3	3	5	4	3	3	5	8	7	9	11	4
29	9	6	4	2	2	3	7	10	11	9	7	5	4	3	3	3	5	5	3	4	6	9	8	10	6
30	7	6	4	2	2	3	6	11	11	****	4	5	6	4	4	4	5	4	3	5	9	8	13	8	6
31	11	7	5	4	3	4	10	12	9	7	7	7	6	7	5	7	9	7	8	14	16	22	19	9	9
MEAN	7	5	3	2	2	2	4	6	5	5	5	5	6	6	6	7	7	7	8	10	11	12	12	9	6.4

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	6	4	3	2	2	4	6	5	6	7	8	7	7	8	6	7	8	10	15	23	30	23	29	10
2	38	22	10	4	2	1	1	2	2	2	3	3	4	3	3	3	4	4	3	6	7	13	20	18	7
3	14	5	2	2	2	2	2	2	2	2	2	2	2	2	2	4	3	3	4	2	6	13	14	12	4
4	3	2	2	1	1	1	2	3	4	4	3	3	5	8	3	4	3	2	3	6	5	3	4	6	3
5	4	3	2	2	2	2	4	3	3	3	4	4	5	6	4	3	4	3	3	4	4	4	10	6	4
6	5	4	2	1	1	1	3	4	4	5	6	6	5	6	6	6	6	8	7	11	12	14	15	10	6
7	6	5	3	1	1	2	4	8	8	7	9	8	9	10	8	6	8	10	11	15	21	18	23	17	9
8	14	8	9	5	4	4	5	6	3	4	5	6	5	5	5	5	5	5	6	6	7	10	14	33	7
9	35	26	17	9	5	3	4	6	5	4	6	7	7	11	10	8	11	13	11	17	23	33	32	34	14
10	41	29	12	6	7	2	3	3	2	2	2	2	2	2	2	2	3	3	4	4	5	7	3	2	6
11	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	2	2	3	5	7	5	2	2
12	2	1	0	0	0	1	2	3	2	2	1	2	2	2	2	4	3	4	4	3	5	5	5	3	2
13	3	1	1	0	0	0	2	4	3	2	2	2	2	2	2	3	3	4	4	6	16	17	15	10	4
14	6	4	2	2	1	1	6	5	6	2	2	2	4	****	3	3	3	9	7	6	5	6	8	4	4
15	2	2	1	1	1	1	4	4	6	6	4	5	4	4	4	7	4	2	1	2	3	4	6	5	3
16	3	4	5	3	2	1	2	3	2	2	2	3	3	4	3	3	3	3	4	4	7	4	3	11	4
17	13	9	5	3	2	1	1	1	2	2	2	3	3	2	2	3	3	5	5	11	5	3	2	1	4
18	1	1	1	1	1	1	3	4	5	6	6	4	3	3	4	4	4	4	4	6	8	11	14	7	4
19	5	4	3	2	1	2	6	8	5	6	5	5	5	5	5	5	6	4	7	11	17	14	20	13	7
20	7	5	4	1	1	2	4	5	4	5	7	6	6	7	7	5	6	8	8	10	17	19	20	5	7
21	4	4	4	2	1	2	4	6	6	6	7	5	5	6	6	8	8	7	8	14	18	20	18	9	7
22	3	6	4	2	1	2	3	6	4	3	5	3	3	4	3	3	3	2	3	4	4	4	5	4	4
23	4	2	2	1	0	0	0	1	1	1	1	2	2	2	2	2	2	2	2	2	3	5	7	3	2
24	5	2	1	0	0	0	0	0	0	1	2	2	3	3	3	4	4	3	2	2	1	3	3	3	2
25	2	1	1	0	0	1	2	6	5	3	4	4	4	4	3	3	5	3	2	4	5	6	3	8	3
26	9	8	5	3	2	3	6	8	5	5	5	7	5	7	6	5	7	6	5	10	16	8	3	3	6
27	2	2	1	1	1	1	2	2	4	4	3	4	3	4	4	5	4	2	3	4	4	4	4	4	3
28	4	3	2	1	1	2	4	8	5	6	8	5	5	6	6	6	6	6	7	16	17	19	17	13	7
29	11	9	5	2	2	2	5	6	7	6	7	9	8	8	9	8	10	8	9	16	25	22	23	18	10
30	14	10	8	5	3	2	3	3	4	6	8	8	11	14	14	14	12	12	15	25	26	33	28	26	13
MEAN	9	6	4	2	2	2	3	4	4	4	4	4	4	5	5	5	5	5	5	8	11	12	12	11	5.7

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	17	9	3	2	2	1	1	1	2	4	8	8	9	2	7	4	7	7	10	22	32	29	13	10
2	4	5	6	3	2	1	1	1	1	2	2	2	2	2	2	3	2	2	3	3	6	6	5	2	3
3	2	1	1	1	0	0	2	4	4	3	2	2	3	3	4	4	3	2	3	3	3	4	3	4	3
4	4	3	2	1	1	2	5	6	6	5	4	4	3	3	****	4	3	2	2	2	2	3	3	5	3
5	3	2	1	1	1	1	2	3	3	4	3	4	6	5	6	4	6	4	3	3	4	3	2	2	3
6	2	2	1	1	1	1	5	6	5	4	3	4	4	3	5	5	5	5	3	4	5	5	11	11	4
7	9	10	3	2	2	2	4	3	3	2	2	3	3	2	2	2	3	3	5	6	5	4	7	20	4
8	22	15	4	2	1	1	2	2	2	2	2	3	2	3	3	3	3	3	4	7	22	26	16	3	6
9	9	6	5	4	3	3	5	8	7	6	8	7	8	10	8	9	10	11	12	19	23	21	17	7	9
10	3	2	2	1	2	2	4	8	9	7	9	12	9	9	9	7	8	12	10	8	11	6	8	4	7
11	4	3	3	2	2	2	4	6	9	8	8	7	7	10	10	11	6	7	4	5	5	6	9	10	6
12	10	7	5	7	4	2	5	11	8	5	5	6	6	4	4	4	5	4	8	7	6	8	23	17	7
13	8	13	8	5	4	4	7	9	8	10	7	6	7	7	6	7	8	11	13	20	30	37	30	36	13
14	42	32	19	8	4	3	4	4	4	5	5	6	6	5	6	9	7	11	9	19	21	17	5	8	11
15	8	10	8	2	0	0	0	0	0	1	2	3	3	3	4	3	9	13	14	22	27	19	13	12	7
16	4	3	1	1	0	1	3	6	6	3	6	5	8	6	11	13	9	4	2	3	3	2	2	4	4
17	4	3	1	0	0	1	3	5	6	7	6	5	5	6	7	5	7	10	5	6	9	6	5	3	5
18	3	3	1	1	0	1	3	4	5	6	8	6	5	6	6	4	3	3	6	10	23	16	9	5	6
19	4	3	3	3	3	2	5	6	5	4	4	4	3	3	3	3	4	4	3	6	7	10	8	8	5
20	9	4	3	2	2	1	4	6	3	****	3	3	4	5	4	7	7	8	10	16	22	12	11	19	7
21	27	23	16	12	7	5	3	4	4	4	3	3	6	6	7	9	10	9	10	11	7	7	11	16	9
22	18	10	5	2	1	0	2	2	2	2	3	2	3	3	4	3	3	3	5	6	5	4	7	11	4
23	5	4	3	2	2	2	5	9	9	10	10	10	9	10	12	9	6	6	8	17	10	7	5	3	7
24	3	3	2	2	2	2	3	3	3	5	4	4	3	4	4	5	4	3	3	3	4	7	7	3	4
25	2	3	2	1	1	1	1	2	2	3	****	3	2	3	4	4	4	4	3	4	6	5	4	5	3
26	4	2	2	2	1	1	2	3	3	4	4	4	4	5	4	4	4	3	3	2	4	4	5	3	3
27	3	2	2	1	1	1	3	6	8	8	5	3	3	2	4	5	3	4	3	6	18	26	27	12	7
28	16	5	3	3	4	3	3	3	4	4	3	3	3	4	3	3	3	4	4	6	9	9	10	5	5
29	5	4	3	2	2	2	2	2	2	2	2	3	3	3	4	4	6	5	10	9	10	8	7	6	4
30	3	2	1	2	2	3	4	5	5	4	5	5	4	7	6	6	7	6	6	9	9	10	16	3	5
31	2	2	1	2	1	2	5	6	4	3	4	5	4	5	4	4	4	4	5	8	17	8	6	6	5
MEAN	9	7	4	3	2	2	3	5	5	5	5	5	5	5	5	5	5	6	6	8	11	11	10	9	5.8

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	1	1	1	2	4	8	7	7	8	8	11	13	11	8	8	8	10	17	22	19	14	13	9
2	7	4	2	2	2	1	3	4	2	1	3	3	3	3	3	3	4	2	4	6	4	7	12	6	4
3	5	5	3	2	1	2	4	5	3	4	4	3	5	10	7	6	4	4	4	5	6	5	9	12	5
4	9	3	5	2	1	2	2	2	3	3	2	3	3	3	4	4	4	4	6	18	15	10	8	17	6
5	9	6	8	4	4	2	2	1	1	1	1	2	2	3	3	2	3	3	3	3	5	10	7	4	4
6	9	3	2	1	1	1	2	2	2	2	3	3	3	4	5	6	5	6	4	6	12	24	19	10	6
7	7	3	2	1	1	1	2	2	2	2	3	3	7	5	4	3	4	2	3	3	4	3	6	3	3
8	2	2	2	1	1	1	3	3	3	4	3	4	4	3	3	4	3	3	2	3	3	4	5	4	3
9	4	2	2	2	1	1	4	4	5	5	6	6	8	8	8	7	8	9	11	15	18	19	18	13	8
10	7	6	4	2	1	1	3	6	12	5	5	3	****	5	3	4	6	4	4	7	8	5	4	7	5
11	7	5	6	2	1	2	2	2	3	4	4	5	5	6	6	10	18	6	9	8	11	10	10	10	6
12	11	10	6	3	2	2	3	2	2	2	3	3	4	3	5	4	8	5	9	16	21	17	20	11	7
13	7	5	3	3	3	3	9	11	4	3	3	4	3	4	3	3	3	3	2	1	3	2	1	2	4
14	1	2	1	1	1	1	3	3	2	2	2	3	3	3	3	3	3	2	2	4	4	3	4	2	2
15	2	1	1	1	1	1	2	2	2	2	3	3	3	2	****	3	3	2	2	2	4	6	5	2	2
16	2	1	1	1	1	1	4	6	7	6	6	5	4	3	4	6	6	7	8	11	22	26	21	12	7
17	9	7	4	3	1	3	9	5	4	4	4	4	6	5	4	4	3	3	4	10	8	4	5	7	5
18	4	4	2	2	2	2	2	3	4	5	7	10	12	22	24	23	19	17	24	33	42	23	19	18	13
19	34	20	9	3	2	2	2	2	2	2	3	4	5	4	3	4	5	5	6	7	10	13	10	7	7
20	6	3	2	2	2	3	6	9	8	7	7	6	8	7	7	4	6	7	7	16	23	26	25	16	9
21	13	8	6	4	5	4	7	7	8	8	6	8	5	4	5	7	7	3	4	18	33	27	25	14	10
22	7	5	3	2	1	1	4	5	5	4	6	9	7	****	9	7	7	7	8	13	16	17	11	9	7
23	11	7	4	3	2	2	4	6	6	8	8	11	10	12	12	10	10	10	11	19	32	28	16	11	11
24	7	3	1	1	1	1	2	3	4	5	3	4	3	3	4	4	4	4	4	4	5	7	8	4	4
25	2	4	2	1	1	1	1	1	2	2	2	3	3	3	5	3	3	3	5	9	11	7	13	16	4
26	17	23	8	4	3	2	3	4	3	2	2	3	4	5	9	8	7	15	13	19	16	13	10	6	8
27	4	2	2	1	1	2	5	6	5	3	4	2	3	4	5	6	7	5	4	6	7	8	6	4	4
28	5	7	7	4	4	4	6	8	6	10	11	8	10	11	9	8	9	8	9	18	17	15	19	7	9
29	4	5	4	2	2	2	5	5	4	3	4	5	4	5	5	3	3	2	2	2	6	4	2	2	4
30	7	4	1	1	1	2	3	3	3	4	4	4	4	5	4	3	3	2	2	4	5	8	7	4	4
31	2	4	3	1	2	3	5	9	5	6	7	7	6	6	8	6	8	9	16	17	22	26	29	24	10
MEAN	7	5	3	2	2	2	4	4	4	4	4	5	5	6	6	6	6	5	7	10	13	13	12	9	6.1

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	21	12	9	6	4	4	4	4	3	3	4	5	9	8	10	11	15	19	27	33	29	4	5	11
2	4	3	1	1	1	1	1	1	1	1	1	2	3	3	5	6	5	6	5	3	3	3	5	4	3
3	2	2	3	3	1	0	1	1	1	2	2	2	3	4	3	3	5	4	7	8	9	7	7	7	4
4	4	3	2	1	1	2	4	8	7	5	8	8	-	-	-	-	-	-	-	-	-	-	-	-	******
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	9	7	5	4	2	2	3	4	3	3	4	4	4	5	5	6	7	8	10	13	15	13	5	5	5.8

PERCENTAGE OF DATA VALID - 11.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 88.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12	-	-	-	-	-	-	-	-	-	-	-	-	3	2	2	4	5	4	3	4	6	7	9	7	******
13	4	2	2	1	1	1	1	1	1	2	3	3	3	3	3	4	4	4	4	5	5	6	8	10	3
14	7	5	4	3	1	1	2	2	2	2	3	3	3	2	3	4	3	3	4	5	2	3	2	2	3
15	1	2	1	1	1	2	3	4	3	3	3	3	5	5	4	4	4	5	7	8	11	8	8	8	4
16	7	3	2	2	1	1	4	6	7	5	6	7	5	6	5	5	7	8	7	9	11	9	8	6	6
17	7	4	4	3	2	2	6	11	10	11	11	10	15	17	13	11	12	14	14	13	12	12	9	11	10
18	9	4	2	2	1	2	5	8	6	6	6	8	8	7	7	7	10	12	18	16	16	10	11	8	8
19	5	4	2	2	1	2	3	6	6	8	8	9	8	8	9	10	11	13	5	3	4	4	2	3	6
20	3	5	3	1	3	2	2	3	2	3	3	3	4	4	4	4	3	6	6	9	4	5	5	3	4
21	3	2	3	2	2	1	1	1	2	2	2	2	4	4	3	3	2	2	3	3	3	8	8	8	3
22	6	5	3	3	3	3	9	8	3	4	3	3	3	4	4	4	4	7	10	13	9	7	9	9	6
23	5	3	1	1	1	2	3	5	3	3	2	2	3	1	2	2	1	2	1	1	3	2	2	2	2
24	2	2	1	0	0	1	1	2	2	2	2	3	3	2	2	3	3	3	2	3	2	2	2	2	2
25	1	1	1	0	0	1	2	3	3	2	3	4	3	3	3	4	5	4	3	3	4	3	4	3	3
26	2	2	1	1	1	1	3	5	6	4	4	5	3	3	4	5	5	4	3	4	6	7	8	6	4
27	6	3	2	2	1	1	2	2	3	2	2	2	3	8	11	8	8	8	11	18	14	9	9	6	6
28	7	6	3	3	3	2	2	2	2	2	2	2	2	3	4	4	4	4	3	4	3	3	4	2	3
29	2	2	1	1	1	1	1	4	5	6	5	6	5	4	4	5	6	6	8	10	9	8	9	7	5
30	6	5	3	2	2	1	2	4	6	6	7	5	6	6	6	7	8	8	7	6	8	8	5	7	5
31	4	4	3	2	2	2	2	5	7	6	6	8	7	9	6	7	8	8	8	14	25	36	34	23	10
MEAN	5	3	2	2	1	2	3	4	4	4	4	5	5	5	5	5	6	6	6	8	8	8	8	7	4.8

PERCENTAGE OF DATA VALID - 62.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 37.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	12	9	5	3	2	3	6	8	5	7	8	7	8	12	12	13	13	9	5	4	2	2	2	8
2	3	2	1	1	1	1	1	2	4	4	3	5	5	4	3	4	6	4	3	4	4	10	6	8	4
3	5	7	4	3	2	2	2	2	3	3	2	3	2	3	4	4	3	3	5	7	10	7	10	8	4
4	9	7	3	3	1	1	1	1	2	2	1	2	2	5	4	9	4	6	5	5	3	2	3	7	4
5	4	3	2	2	2	3	4	5	5	4	4	5	5	5	5	6	7	7	5	8	8	6	8	8	5
6	9	8	4	3	2	1	1	5	8	10	8	6	7	10	8	11	11	13	12	14	13	13	12	7	8
7	6	2	2	1	1	1	1	2	3	3	3	3	2	3	3	3	3	3	4	4	2	2	2	3	3
8	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	3	4	4	4	6	5	5	5	3
9	4	4	3	2	3	3	3	6	10	12	7	10	9	8	8	9	10	8	8	8	8	11	15	17	8
10	16	6	4	2	2	1	1	1	2	2	2	4	3	4	5	5	5	5	4	4	6	6	5	7	4
11	7	12	5	4	3	3	1	2	2	1	1	2	3	5	3	4	4	3	4	6	5	3	3	2	4
12	2	1	0	0	0	0	0	1	3	3	4	5	4	2	4	5	4	6	5	7	10	12	7	7	4
13	7	5	4	1	0	0	1	4	7	6	6	7	7	6	7	6	5	8	6	5	5	4	4	3	5
14	3	3	2	2	1	1	1	3	5	6	4	4	3	4	5	5	5	7	6	5	4	4	5	5	4
15	4	3	2	1	1	1	1	2	3	3	2	2	3	3	3	3	5	5	6	6	6	4	3	2	3
16	2	1	1	1	1	1	2	2	5	4	4	3	3	2	2	2	2	2	1	1	2	2	3	2	2
17	2	3	2	1	1	1	1	2	2	2	2	2	3	3	3	4	5	6	7	10	16	18	20	35	6
18	21	16	10	5	7	6	4	3	5	11	4	4	5	8	8	11	12	11	13	13	11	10	6	4	9
19	4	2	2	1	1	0	1	3	6	5	6	8	6	9	11	8	8	8	8	8	9	8	6	7	6
20	4	4	4	4	3	3	1	3	4	3	3	3	3	3	4	****	3	4	4	4	3	3	4	2	3
21	3	2	2	2	1	1	1	3	6	6	6	6	5	5	7	6	6	7	6	9	9	8	8	7	5
22	7	7	4	4	3	2	3	3	4	5	4	4	4	3	5	3	4	4	3	3	3	3	2	2	4
23	2	2	2	3	3	3	3	5	7	8	8	5	4	8	10	9	****	12	10	19	26	28	31	33	10
24	22	7	7	2	1	1	1	1	1	1	2	2	3	3	3	4	6	3	3	4	7	6	4	4	4
25	12	6	7	8	8	3	2	3	3	3	3	3	4	4	4	4	4	7	4	6	4	4	4	3	5
26	3	1	1	1	1	1	2	4	6	3	5	5	1	1	1	0	0	1	0	0	0	0	0	0	2
27	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	4	3	2	3	5	11	9	6	2
28	4	3	3	2	1	1	1	1	2	2	1	1	2	2	2	2	2	3	2	2	2	2	2	2	2
29	1	1	1	0	0	0	1	2	2	2	3	2	2	2	3	3	4	3	2	2	3	3	2	1	2
30	1	2	1	1	0	0	0	1	3	2	2	2	2	2	2	3	3	4	3	3	4	5	5	4	2
MEAN	6	4	3	2	2	1	2	3	4	4	4	4	4	4	5	5	5	6	5	6	7	7	7	7	4.4

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	1	1	0	1	1	2	3	3	7	8	9	8	11	12	12	14	9	5	4	4	4	5
2	4	3	2	1	1	1	1	1	1	2	3	3	3	3	3	3	4	5	5	3	3	4	3	3	3
3	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	0	0	0	1	0	0	1
4	1	0	0	0	0	0	0	1	1	3	3	2	2	2	3	4	4	4	4	3	3	2	2	2	2
5	2	2	1	2	2	1	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2
6	2	1	2	2	2	2	2	3	5	4	4	4	5	4	4	4	5	6	6	4	5	5	3	3	4
7	3	2	2	2	1	1	1	1	3	3	2	2	2	2	2	3	3	4	3	2	2	2	2	2	2
8	3	3	2	1	1	1	1	1	1	1	2	2	2	3	3	3	4	3	4	7	4	6	5	9	3
9	5	5	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
10	2	2	1	1	1	1	2	2	4	6	6	5	4	5	7	6	8	7	6	5	6	7	2	1	4
11	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	3	2	2	2	1	1	2
12	1	1	1	1	1	1	1	2	3	3	3	3	2	3	3	****	4	4	4	3	3	3	5	5	3
13	4	3	2	1	1	1	1	4	5	6	7	8	10	10	9	9	9	10	9	5	6	7	3	2	6
14	2	2	2	1	1	1	1	2	3	3	2	2	3	3	3	3	4	3	3	3	4	5	7	7	3
15	5	7	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	3	4	6	3	4	4	3	3
16	2	1	1	1	1	1	1	1	1	1	1	1	2	4	4	2	2	1	1	1	1	1	1	1	1
17	1	1	0	0	0	0	1	2	4	7	4	5	2	2	3	****	1	2	2	1	1	1	1	1	2
18	1	0	0	0	0	0	1	2	4	5	6	7	7	5	8	9	9	10	6	6	9	5	2	2	4
19	1	1	0	0	0	0	0	1	1	2	2	2	3	4	4	3	3	4	4	7	5	4	5	5	3
20	3	2	1	1	0	0	1	3	5	6	6	7	7	8	9	7	8	12	10	9	11	10	3	2	5
21	2	3	2	1	1	0	0	1	4	4	6	7	8	6	8	10	11	12	8	6	7	8	7	6	5
22	6	4	3	2	2	1	1	1	1	1	2	2	2	2	4	4	4	7	5	6	3	11	17	12	4
23	9	9	4	3	3	2	2	1	1	1	1	1	1	2	2	2	3	2	5	5	7	8	17	4	4
24	3	2	3	3	3	2	2	3	4	4	5	6	6	7	10	6	3	3	4	4	4	5	6	5	4
25	5	4	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2
26	2	1	1	0	0	0	0	0	0	1	1	2	4	4	6	7	5	4	4	5	4	6	4	3	3
27	2	1	1	0	0	0	0	1	2	2	2	3	4	5	5	6	5	4	3	3	4	4	2	1	3
28	2	1	1	0	0	0	0	1	2	2	2	2	2	3	****	3	4	3	2	2	4	4	3	5	2
29	5	2	1	1	1	0	0	0	1	1	1	1	2	2	3	3	4	3	3	3	3	4	5	4	2
30	5	5	2	2	1	0	1	1	1	1	2	2	2	3	3	4	3	4	2	4	3	10	9	6	3
31	7	5	2	1	1	1	1	2	3	4	4	3	2	4	6	7	6	2	3	3	3	5	11	9	4
MEAN	3	3	2	1	1	1	1	1	2	3	3	3	3	4	4	4	4	5	4	4	4	5	5	4	3.0

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.7	8	31
FEB	28	4.1	7	18
MAR	31	5.7	12	30
APR	30	4.6	11	28
MAY	31	6.4	12	41
JUN	30	5.7	14	41
JUL	31	5.8	13	42
AUG	31	6.1	13	42
SEP	3	5.8	11	33
OCT	19	4.8	10	36
NOV	30	4.4	10	35
DEC	31	3.0	6	17
YEAR	326	5.0	14	42

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31049 MISSION,381 YONGE ST TORONTO

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	129	331	229	37	13	1	740
FEB	103	216	295	50	4	0	668
MAR	100	267	215	80	79	0	741
APR	146	221	242	80	30	0	719
MAY	59	188	318	115	58	3	741
JUN	78	229	299	48	57	8	719
JUL	58	238	311	85	44	5	741
AUG	60	232	307	76	61	5	741
SEP	16	22	33	6	6	1	84
OCT	50	176	184	44	12	2	468
NOV	121	250	276	54	14	3	718
DEC	228	278	197	35	3	0	741
YEAR	1148	2648	2906	710	381	28	7821

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
89.3	0	0.6	1.9	3.1	5.1	9.4	13.3	19.2	23.5	42	5.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
2	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	6	5	4	3	2	2	3	3	2
3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	4	3	4	3	4	3	4
4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	6	5	4	4	4	3	3	3	4
5	3	3	3	2	2	2	2	3	4	4	3	3	3	3	4	4	5	5	4	3	3	3	3	3	3
6	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	3	3	2	2	2	2	3	3	3	3	3	3	4	4	6	5	4	4	4	3	3	3	3	3
8	3	2	2	2	2	2	2	3	5	5	3	3	3	3	3	3	5	5	3	4	3	3	3	3	3
9	3	3	2	2	3	3	3	3	4	4	3	4	4	4	5	5	6	6	5	4	4	4	4	4	4
10	4	4	4	3	3	3	4	4	6	6	4	4	5	4	4	5	5	5	5	4	4	4	-	-	4
11	****	3	3	5	6	6	4	3	3	4	4	4	****	3	3	S	6	6	4	3	3	4	4	4	4
12	3	2	2	2	2	2	2	4	5	5	4	4	S	6	6	9	11	10	7	5	6	5	4	7	5
13	5	4	3	2	2	2	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	3	3	3	3	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	3	4	4	4	4	4	4	4	5	7	6	4	3	2	2	2	2	3
16	2	1	2	2	1	1	2	3	4	2	3	3	3	3	3	3	S	5	5	4	4	4	3	4	3
17	4	4	4	3	2	2	2	2	4	3	4	4	4	6	5	6	9	9	7	4	2	3	3	2	4
18	2	2	2	2	2	2	2	3	3	3	2	3	4	3	****	3	4	4	3	3	3	3	3	3	3
19	2	2	2	2	2	2	2	3	6	6	5	5	5	8	6	6	8	9	4	4	4	3	3	3	4
20	3	3	3	2	2	2	2	2	2	3	3	3	4	4	5	4	5	5	5	4	4	3	3	4	3
21	4	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	3	4	3	2	3	3	3	3	3	4	4	3	3	3	3	3	3	3
23	2	2	2	2	2	2	7	3	4	5	5	5	S	6	6	6	8	8	S	4	4	4	4	3	4
24	3	2	3	2	2	2	2	4	5	5	3	4	4	4	5	5	6	6	4	3	3	3	3	3	4
25	3	2	2	2	2	2	2	2	3	3	4	3	3	3	3	4	4	3	3	2	3	2	2	3	3
26	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	3	4	3	3	3	2	2	3	3
27	3	2	2	2	2	2	2	2	2	3	3	3	4	4	4	6	6	3	3	4	3	3	3	3	3
28	3	3	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	1	1	1	1	1	1	2	3	3	2	2	2	2	****	3	4	4	3	3	3	3	3	3	3	2
30	2	2	2	2	2	2	3	3	4	3	3	3	3	3	3	4	4	5	3	3	3	3	3	3	3
31	3	3	2	2	2	2	3	3	4	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3
MEAN	3	3	2	2	2	2	2	3	3	3	3	3	3	4	4	4	S	5	4	3	3	3	3	3	3.2

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	3	2	3	3	4	4	3	3	3	4	4	4	S	4	4	4	3	3	3	3	3	3
2	3	3	3	3	3	3	3	4	4	3	3	4	****	3	3	3	4	5	3	3	3	3	3	4	3
3	4	4	4	4	3	3	4	5	4	4	4	5	5	5	5	5	5	5	5	5	5	S	S	5	5
4	S	5	4	4	3	3	3	4	3	3	3	3	3	3	3	4	3	4	4	4	3	3	3	3	3
5	3	3	3	3	3	3	3	4	4	3	3	3	3	4	****	4	4	4	4	4	4	4	3	3	3
6	3	3	3	3	3	3	3	4	6	7	8	6	6	5	6	6	9	8	7	6	5	6	5	4	S
7	4	4	4	4	3	3	3	S	5	5	4	5	6	6	5	5	8	8	7	S	5	4	5	4	5
8	4	4	4	3	3	3	3	4	5	5	4	4	4	4	4	4	5	4	4	4	4	4	4	4	4
9	3	3	3	3	3	3	3	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4
10	4	4	4	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3
11	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	5	5	4	4	4	4	5	4	4	4
12	4	4	4	4	4	4	4	4	5	5	5	6	5	5	****	8	6	5	4	4	4	3	3	3	4
13	3	3	3	2	2	2	3	3	4	4	4	4	3	4	4	4	4	4	4	3	3	3	3	3	3
14	3	3	3	2	2	3	3	4	6	5	5	4	5	5	6	5	9	8	6	6	5	4	4	5	5
15	3	3	2	2	2	2	3	4	4	4	4	4	4	5	5	****	6	5	5	4	3	3	3	3	4
16	3	2	2	2	2	2	2	2	3	4	3	3	3	3	3	3	4	4	3	3	3	2	3	3	3
17	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3
18	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	4	3	3	3	3	3
19	3	2	2	2	2	2	3	4	6	7	5	3	3	3	3	3	10	6	4	3	3	3	2	2	4
20	2	2	2	2	2	2	2	2	3	4	4	5	S	5	4	5	7	7	6	4	3	4	4	S	4
21	5	3	2	2	2	2	3	4	6	5	5	6	7	5	4	4	4	4	3	2	3	2	2	2	4
22	2	2	2	2	2	2	2	2	3	3	3	3	3	4	7	6	9	7	7	5	4	5	3	3	4
23	3	3	2	2	2	2	2	3	4	4	5	5	6	6	7	11	16	12	6	4	5	4	5	5	5
24	6	6	3	3	3	3	3	3	3	3	3	3	4	3	3	4	4	4	4	4	3	3	3	4	4
25	3	3	3	3	3	3	3	3	3	3	3	4	3	4	3	5	4	4	4	3	3	3	3	3	3
26	3	3	3	3	2	3	3	4	4	4	4	4	4	4	4	4	6	5	4	3	3	3	3	3	4
27	3	3	3	2	2	3	3	4	4	4	3	3	3	3	3	3	3	4	3	3	3	3	4	3	3
28	3	3	3	3	3	3	3	5	7	8	8	9	7	6	6	8	10	9	10	9	10	8	9	8	7
MEAN	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	6	S	5	4	4	4	4	4	3.8

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	4	4	3	3	3	3	4	5	4	4	5	5	6	6	7	7	9	8	5	6	5	5	4	5
2	3	2	2	2	2	2	2	4	4	4	5	7	7	6	5	8	10	8	7	6	6	5	5	5	5
3	4	4	3	3	3	3	3	3	3	4	4	5	5	4	5	5	6	5	5	6	5	5	4	6	4
4	5	5	4	3	3	3	3	3	3	3	4	4	4	5	5	7	7	6	7	8	6	6	7	7	5
5	5	3	2	3	2	3	3	4	4	3	3	****	4	4	4	4	5	5	5	5	4	5	4	5	4
6	4	3	3	2	2	3	3	5	6	6	6	5	5	5	6	7	9	7	5	4	4	5	4	3	5
7	3	3	3	3	3	3	3	8	8	6	5	6	6	7	5	6	8	11	8	9	7	6	6	6	6
8	5	4	4	3	3	3	3	4	6	6	5	4	5	7	8	9	5	6	6	4	4	4	4	4	5
9	4	3	3	3	3	3	4	10	12	12	7	6	6	7	7	8	10	8	7	6	6	5	5	6	6
10	5	4	4	4	3	3	3	4	4	4	4	4	4	4	4	5	6	4	4	4	3	3	4	4	4
11	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3	4	4
12	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	****	4	4	4	4	4	4	5	4
13	5	4	4	3	3	3	3	4	5	5	5	6	6	5	6	6	7	8	4	3	4	4	3	4	5
14	4	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
15	4	4	4	4	4	4	4	4	5	5	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	4	4	4	4	4	5	6	5	5	****	5	6	5	5	6	6	5	5	6	6	6	6	5
17	6	6	6	5	4	4	5	4	5	6	5	6	6	6	5	6	7	6	6	6	8	6	6	8	6
18	6	5	6	5	4	4	4	4	5	5	5	6	5	5	5	6	7	5	5	7	7	6	4	5	5
19	5	4	4	3	3	3	4	4	7	5	5	5	8	7	6	8	10	8	9	8	7	6	6	6	6
20	5	5	5	5	4	4	6	11	10	9	10	10	9	9	9	9	9	9	9	9	6	5	5	4	7
21	5	5	5	4	4	4	4	8	9	7	5	6	7	6	6	8	11	13	10	9	7	8	8	8	7
22	11	12	10	8	7	6	4	5	8	9	10	10	8	8	8	9	11	9	9	9	9	8	6	6	8
23	6	5	4	4	4	4	4	6	8	7	7	7	7	8	9	10	13	12	8	7	6	5	5	6	7
24	6	6	5	4	3	4	3	4	5	5	5	6	7	8	10	10	6	6	6	11	7	8	7	7	6
25	5	4	4	4	3	3	3	4	4	4	4	4	5	5	5	6	6	6	6	5	4	4	4	4	4
26	4	4	3	3	3	3	4	5	5	4	5	5	4	4	4	5	5	5	5	5	5	4	4	4	4
27	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	4	4	4	4	3	4	4
28	4	4	3	3	3	4	4	5	6	6	5	5	6	6	6	9	10	8	6	7	6	6	6	5	6
29	5	4	3	2	3	3	5	5	7	6	5	5	4	3	3	4	4	4	5	6	6	6	4	4	4
30	3	3	2	2	2	1	2	4	5	6	6	5	8	12	6	5	6	7	5	5	8	11	7	8	5
31	5	3	2	2	3	1	2	2	4	3	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	5	4	4	3	3	3	3	5	6	5	5	5	5	6	6	6	7	7	6	6	5	5	5	5	5.0

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	1	1	2	2	2	2	2	2	3	3	3	4	3	3	3	3	3	2	2	2
2	2	2	1	1	1	1	2	2	4	6	7	9	7	5	5	4	6	7	6	3	3	2	2	2	4
3	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	7	6	4	4	3	3	3	3	2	2
4	2	2	2	2	2	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	3	6	5	4	4	3	2	2	2	******
6	2	2	1	1	1	1	1	2	2	2	2	2	1	1	2	3	3	2	2	2	2	2	2	2	2
7	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	1	1	1	1	1	2	2	2	2	3	3	4	4	4	4	4	4	3	3	3	2	2	3
9	2	1	1	1	1	1	2	3	3	3	2	3	3	3	4	5	5	4	3	5	4	3	3	2	3
10	1	2	1	1	1	1	2	3	3	3	2	2	2	2	2	3	3	3	4	3	3	3	2	2	2
11	2	2	2	2	1	2	3	5	5	4	4	4	4	4	4	7	8	7	4	4	3	3	4	3	4
12	2	2	2	1	1	1	2	3	4	3	4	4	4	4	5	6	8	7	5	6	4	4	4	5	4
13	3	3	2	2	2	1	1	2	2	2	2	2	3	3	3	3	4	4	3	4	****	****	****	****	3
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	3	3	3	3	2	****	2	******
19	2	2	2	2	2	****	2	3	3	3	3	3	2	3	3	4	3	3	3	3	3	3	3	3	3
20	3	2	2	2	2	2	3	4	6	8	6	6	****	7	7	7	****	****	6	8	8	6	****	6	5
21	5	5	****	8	****	****	3	3	4	4	****	****	4	5	****	****	4	5	5	****	****	5	5	5	******
22	****	****	5	4	3	3	****	****	2	2	****	****	****	2	2	4	4	****	****	4	5	5	5	****	******
23	****	3	3	****	****	****	4	7	8	6	6	5	6	5	6	7	7	7	6	8	6	6	7	7	6
24	5	4	4	4	3	3	4	8	8	6	7	6	6	5	6	6	7	7	5	5	4	4	5	6	5
25	7	6	5	3	3	3	3	4	7	6	6	7	6	7	6	10	10	9	6	6	5	5	5	6	6
26	7	5	4	3	2	2	3	4	4	4	4	5	5	6	7	8	12	9	10	7	6	5	4	4	5
27	4	4	3	2	2	2	2	3	3	4	3	4	4	4	4	5	5	5	4	3	3	3	3	3	3
28	3	3	3	3	3	3	3	3	4	4	5	5	6	6	5	5	5	6	6	6	6	6	5	5	5
29	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	4	4	4	4	4	4
30	3	3	3	3	3	4	5	6	5	6	6	7	7	7	7	8	7	5	4	4	4	4	4	3	5
MEAN	3	3	2	2	2	2	2	3	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4	3	3.6

PERCENTAGE OF DATA VALID - 75.8 PERCENTAGE OF DATA INVALID - 24.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4	4	4
2	3	3	3	3	3	4	5	6	6	7	7	6	6	5	6	7	7	6	6	5	5	4	5	4	5
3	4	3	3	3	3	3	4	5	5	5	6	6	7	8	13	18	15	8	7	4	4	4	4	3	6
4	3	3	3	3	3	4	4	5	5	5	****	5	6	7	9	7	6	4	4	4	4	4	4	3	5
5	3	3	3	3	3	3	3	3	3	3	3	4	4	4	5	5	4	5	4	5	4	3	4	4	4
6	4	4	4	3	3	3	3	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4
7	3	3	3	3	3	3	3	4	4	4	****	4	4	5	6	6	8	5	5	5	4	4	5	4	4
8	3	3	3	3	3	3	5	7	10	9	8	9	7	6	7	8	9	7	8	7	6	7	7	5	6
9	3	3	3	3	3	3	6	10	8	6	5	5	5	6	5	8	8	7	6	5	5	4	5	5	5
10	5	5	6	4	3	4	7	9	9	6	7	5	6	6	5	5	5	5	6	6	5	5	6	5	6
11	5	3	3	2	2	2	4	6	7	5	****	7	7	6	5	5	6	4	4	4	5	4	6	9	5
12	8	6	5	3	3	3	3	3	4	3	3	3	4	4	3	2	2	2	2	2	2	2	2	2	3
13	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	3	3	3	4	3	4	5	4	3
14	3	2	2	2	2	2	4	5	6	5	5	5	5	5	6	7	4	4	4	4	4	4	4	3	4
15	3	3	2	2	2	3	4	4	4	5	7	5	6	5	9	9	6	3	4	5	3	3	3	2	4
16	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3
17	3	3	3	3	3	5	7	8	6	5	5	6	6	6	7	6	6	5	5	5	5	4	4	4	5
18	4	3	3	3	3	5	6	6	6	6	6	6	6	6	7	7	5	5	5	6	6	6	5	5	5
19	4	4	3	3	3	3	4	3	4	4	4	4	4	4	4	4	4	4	4	5	4	4	5	5	4
20	4	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	5	4	5	4	4
21	4	3	3	3	3	3	2	2	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
22	3	3	3	3	3	3	4	5	5	****	3	3	3	3	4	6	3	2	3	2	2	3	2	1	3
23	1	1	1	0	1	1	2	4	4	3	3	3	4	5	6	8	7	5	5	5	5	5	5	4	4
24	3	3	2	2	2	3	4	5	4	4	4	4	4	6	7	8	8	6	6	5	5	5	4	3	4
25	3	3	3	3	3	3	4	4	4	4	4	2	3	3	3	4	4	2	2	2	2	2	3	3	3
26	2	1	1	1	0	1	1	1	1	2	3	3	4	4	4	3	3	3	5	5	4	4	3	3	3
27	2	2	1	1	1	1	1	1	2	2	2	3	4	3	3	3	3	3	4	4	4	4	3	2	2
28	2	1	2	2	2	4	4	7	5	6	5	5	5	4	8	9	6	4	3	4	4	3	6	5	4
29	4	3	2	2	3	6	6	8	9	8	7	5	8	6	8	9	8	7	6	6	4	6	6	5	6
30	5	4	4	4	4	6	5	7	8	7	7	4	6	6	9	9	6	6	6	6	6	6	7	6	6
31	6	5	5	4	5	7	11	14	8	7	****	****	-	-	-	-	-	-	-	-	-	-	-	-	******
MEAN	3	3	3	3	3	3	4	5	5	5	5	4	5	5	6	6	5	4	5	4	4	4	4	4	4.3

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA UNAVAILABLE -																								
2	- DATA UNAVAILABLE -																								
3	- DATA UNAVAILABLE -																								
4	- DATA UNAVAILABLE -																								
5	-	-	-	-	-	-	-	-	-	****	3	4	6	3	3	3	3	2	3	2	3	2	3	2	******
6	2	2	2	2	2	3	4	4	4	4	4	4	4	5	5	5	5	4	4	4	4	4	3	3	4
7	3	2	2	2	2	4	6	7	5	6	5	5	5	5	6	6	5	5	5	5	6	6	6	5	5
8	5	3	3	3	3	4	6	5	5	4	6	6	6	5	5	6	6	5	5	6	7	6	7	5	5
9	6	4	5	5	4	4	5	6	4	4	4	4	5	6	5	4	4	4	4	4	5	5	6	6	5
10	5	4	4	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3
11	2	2	3	2	3	3	3	3	3	****	3	3	3	3	4	4	4	3	3	3	4	4	4	3	3
12	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4	3	4
13	3	3	3	3	3	3	4	5	4	4	4	4	4	4	4	4	5	4	4	4	5	5	6	6	4
14	5	4	4	4	4	5	8	8	8	6	6	6	6	6	6	8	8	6	6	6	5	5	6	5	6
15	5	4	4	4	4	4	6	7	7	7	7	8	7	7	7	8	6	5	5	5	4	4	5	4	6
16	5	4	4	3	3	3	4	4	3	3	4	3	3	4	4	4	4	4	5	5	5	6	6	5	4
17	6	5	5	4	3	3	3	3	4	4	4	5	4	4	4	4	3	4	4	4	3	3	3	2	4
18	2	2	2	2	2	3	3	4	4	4	5	****	3	4	4	6	5	3	3	2	3	3	4	4	3
19	1	1	1	1	0	1	2	4	4	4	3	3	5	4	4	5	5	3	3	3	4	3	3	3	3
20	2	1	1	1	1	1	2	4	3	2	4	3	4	3	3	4	4	3	2	2	2	2	4	1	2
21	2	1	1	1	1	2	4	6	5	6	6	5	4	4	5	5	5	3	3	5	5	4	4	3	4
22	1	1	1	1	1	2	3	7	5	4	****	2	3	2	2	2	2	2	2	2	2	1	2	1	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1
24	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1
25	2	1	1	1	1	2	2	3	4	4	3	5	5	4	4	6	6	4	4	4	4	4	5	5	4
26	5	5	4	3	3	3	5	7	5	5	5	4	4	5	5	6	5	5	5	5	7	5	4	3	5
27	2	2	2	2	2	2	3	4	5	5	5	5	4	5	5	8	5	4	3	4	3	3	3	2	4
28	2	2	2	2	2	2	4	6	6	7	6	4	5	5	5	6	5	4	5	5	5	5	5	6	4
29	4	4	3	2	2	2	4	5	4	5	5	5	5	5	6	7	6	4	4	6	7	6	6	4	5
30	3	2	2	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	3	5	5	6	5	4	3
MEAN	3	3	3	2	2	3	4	5	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4	4	3.7

PERCENTAGE OF DATA VALID - 84.9 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 14.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2NO FL TORONTO MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	2	2	2	2	2	3	3	4	5	6	2	3	3	3	3	4	4	5	3	3
2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	1	2	2	2	3	2	2	2	2
3	2	2	2	2	2	2	3	4	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	2	3
4	3	3	2	2	2	2	4	6	5	7	3	3	3	****	3	3	3	3	3	3	3	3	3	3	3
5	3	3	2	2	2	2	3	3	3	3	3	3	4	3	3	4	4	3	3	3	3	3	3	3	3
6	3	3	3	3	3	3	4	6	5	4	4	4	****	3	3	3	3	3	3	3	3	2	3	3	3
7	3	3	2	2	2	3	3	4	4	4	3	4	4	4	4	3	3	4	3	3	3	4	4	5	3
8	4	4	3	2	2	2	2	3	3	3	3	4	3	3	3	3	2	2	3	2	5	5	5	2	3
9	3	3	3	2	2	2	3	4	5	5	****	6	6	6	7	7	6	5	5	4	4	5	5	5	4
10	3	3	2	2	2	3	4	5	5	5	6	6	6	5	6	7	7	6	6	5	5	4	5	3	5
11	3	3	2	2	2	3	5	5	5	8	6	6	6	6	7	8	6	7	5	4	6	4	4	4	5
12	6	5	4	4	3	3	5	7	5	3	4	5	6	5	8	7	****	****	6	4	5	5	6	4	5
13	4	5	3	3	3	4	5	9	7	5	6	7	7	7	-	9	7	6	5	7	8	7	8	8	6
14	7	6	5	3	2	2	3	3	3	3	4	4	5	4	5	5	5	4	3	3	5	4	4	4	4
15	3	3	3	3	2	2	3	3	3	3	3	4	4	3	3	4	4	4	5	7	8	5	4	4	4
16	4	4	3	3	3	4	5	6	5	4	5	****	5	6	8	9	7	4	4	4	4	4	4	4	5
17	3	3	3	3	3	3	4	5	5	5	6	6	6	6	7	7	7	7	6	5	5	4	4	4	5
18	4	4	4	4	4	4	4	5	5	5	6	7	7	7	8	8	6	6	5	6	6	5	5	5	5
19	4	4	4	4	4	4	6	6	6	6	6	7	6	6	7	8	6	5	6	6	6	5	5	5	6
20	6	4	4	4	4	4	5	9	7	7	****	7	7	5	6	6	6	6	6	6	7	6	6	6	6
21	6	6	5	5	5	4	4	5	4	4	4	4	4	4	4	5	4	4	5	5	5	4	5	6	5
22	6	5	5	4	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	4	4	3
23	3	3	3	3	3	2	3	5	5	6	6	6	6	****	6	6	4	3	3	3	2	2	2	2	4
24	1	1	1	1	1	2	2	3	3	3	3	3	3	4	3	4	3	3	3	3	2	2	2	1	2
25	1	1	1	1	1	1	2	2	2	2	3	3	3	3	4	3	3	3	2	2	2	2	2	2	2
26	2	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
27	1	1	1	1	1	1	2	3	4	4	****	4	3	3	3	4	4	3	3	3	4	5	4	4	3
28	4	3	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	1	1	1	1	2	2	2	2
29	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
30	2	2	1	1	1	1	3	4	4	4	4	4	****	3	4	4	3	3	3	3	3	3	3	3	3
31	2	2	2	1	1	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3	3	3	3
MEAN	3	3	3	2	2	2	3	4	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4	4	3.6

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2NO FL TORONTO MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	2	2	2	2	3	3	2	2	3	2	3	3	3	3	3	3	3	2
2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2
3	3	3	2	2	2	2	3	****	5	5	6	6	6	7	8	8	7	4	3	3	4	4	5	4	4
4	4	3	2	2	2	2	3	3	3	3	3	3	3	8	5	3	3	3	4	6	5	4	4	4	4
5	5	2	2	1	2	2	2	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2
6	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	4	4	3	3	2
7	3	2	2	2	2	2	3	4	4	****	5	4	6	5	5	5	5	5	5	2	2	2	2	2	3
8	2	2	2	2	2	3	3	4	4	4	4	3	3	4	4	4	3	3	3	3	3	2	3	3	3
9	2	2	2	2	2	3	4	4	4	5	5	5	4	5	7	7	6	5	5	4	4	4	5	4	4
10	3	3	2	2	2	2	4	5	7	5	4	3	3	****	3	4	4	4	3	3	3	3	3	3	3
11	3	3	2	2	2	3	3	3	3	3	3	3	3	4	5	5	5	5	5	3	4	5	4	4	4
12	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	6	6	5	4
13	5	5	4	4	4	5	9	10	6	6	6	6	6	7	8	6	7	5	5	4	4	4	4	3	6
14	3	3	3	3	3	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
15	3	3	3	3	3	4	4	4	4	4	4	4	5	4	5	5	5	4	4	4	5	5	5	4	4
16	4	4	4	3	3	4	6	6	6	6	8	7	7	7	8	10	9	7	8	8	8	8	7	6	6
17	5	5	5	5	5	7	9	10	9	8	****	9	8	8	10	11	8	7	6	7	6	6	6	5	7
18	6	5	5	5	4	5	5	5	6	7	7	7	8	11	11	9	10	11	12	12	11	11	8	9	8
19	12	10	7	5	4	4	4	3	3	3	3	4	4	5	5	5	5	5	6	6	6	7	5	5	5
20	4	4	4	4	4	6	7	8	7	7	7	7	8	8	9	9	7	6	6	6	6	5	5	6	6
21	6	6	5	5	6	5	5	5	6	9	9	7	7	6	8	8	7	6	6	7	8	10	6	5	7
22	4	3	3	3	3	4	4	6	4	5	5	****	3	4	4	5	4	3	3	3	3	3	3	2	4
23	2	2	2	2	2	2	4	5	5	5	6	5	8	10	12	9	9	7	6	5	5	4	5	5	5
24	2	1	1	1	1	2	3	4	4	4	4	4	4	5	6	5	4	3	3	3	4	3	4	3	3
25	3	2	1	1	1	1	2	1	2	2	2	2	3	3	4	3	3	3	3	3	2	2	3	2	2
26	2	2	2	1	1	1	1	1	2	2	2	2	2	2	3	2	3	3	3	3	3	4	3	2	2
27	2	2	1	1	1	2	3	4	6	5	4	5	4	****	6	7	4	3	4	3	3	3	3	2	3
28	2	3	3	3	2	3	5	6	5	6	5	5	5	5	9	8	5	4	4	4	3	3	3	3	4
29	2	2	2	2	2	3	4	6	4	5	7	6	4	5	6	7	4	3	3	3	3	3	3	3	4
30	3	2	1	1	2	3	4	5	4	5	5	6	6	4	3	4	3	3	3	3	3	3	3	2	3
31	2	1	1	1	2	2	3	5	5	4	5	7	6	7	7	7	4	5	5	4	5	7	6	5	4
MEAN	3	3	3	2	2	3	4	4	4	4	4	5	5	5	6	6	5	4	4	4	4	4	4	4	4.1

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	4	4	3	3	4
2	2	2	2	2	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	3	4	2	2
3	2	2	2	2	1	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	2	2	2	2
4	2	2	2	2	2	2	4	5	5	****	5	4	4	5	6	7	6	4	5	4	4	4	4	4	4
5	3	3	3	3	2	2	4	6	5	5	5	4	4	5	6	7	6	4	3	5	5	4	3	3	4
6	3	2	2	2	2	3	5	5	5	5	4	4	4	6	4	3	3	2	3	3	2	2	2	2	3
7	2	2	2	2	2	2	3	3	4	3	5	5	4	4	4	5	4	3	3	3	3	3	3	3	3
8	3	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	3	4	4	4	4	4	3
9	4	5	4	3	3	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	3	4
10	3	3	3	3	3	4	5	5	4	4	5	5	5	5	5	5	6	5	4	4	4	4	4	3	4
11	3	3	3	3	3	3	5	6	7	5	5	6	6	7	8	9	8	7	7	6	6	5	****	****	6
12												-	DATA	INVALID	-										
13												-	DATA	INVALID	-										
14												-	DATA	INVALID	-										
15												-	DATA	INVALID	-										
16												-	DATA	INVALID	-										
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	5	3	2	2	1	1	1	1	1	******
18	0	0	0	0	1	1	2	3	4	3	4	4	4	3	4	2	2	1	1	1	0	0	0	0	2
19	0	0	0	0	0	0	1	1	1	1	2	2	2	1	2	2	2	2	1	2	1	2	1	1	1
20	1	2	2	2	2	4	7	7	6	4	4	3	3	3	4	6	5	3	2	3	2	3	3	5	4
21	2	1	1	1	1	1	4	4	4	4	4	3	2	2	2	3	2	3	2	1	1	1	1	1	2
22	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	1	1	1	1	1	2	2	2	1	2	2	2	2	3	3	3	3	4	4	3	4	4	3	2
24	3	2	2	2	2	2	4	8	5	3	3	4	5	4	5	8	6	4	3	3	3	3	3	3	4
25	3	3	3	3	2	3	5	5	5	4	5	5	4	4	4	7	7	2	3	3	3	4	4	2	4
26	2	1	1	1	1	2	4	5	4	3	2	5	7	6	7	9	7	9	7	7	6	8	8	6	5
27	5	6	6	5	5	6	11	14	11	7	7	8	5	7	9	8	7	7	7	8	9	5	7	5	7
28	4	3	4	3	3	4	6	6	6	6	7	7	9	7	11	12	12	9	8	9	9	6	9	9	7
29	9	7	6	5	5	5	7	7	6	5	4	5	6	5	6	6	5	5	6	6	7	7	9	8	6
30	8	5	5	4	4	4	5	5	5	4	4	5	5	5	6	5	5	5	5	8	6	4	3	3	5
MEAN	3	3	3	2	2	3	4	5	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4	3	3.7

PERCENTAGE OF DATA VALID - 81.0 PERCENTAGE OF DATA INVALID - 19.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	4	5	5	5	6	8	7	7	11	10	8	8	7	6	7	5	5	4	6
2	4	4	3	3	3	3	5	9	8	7	8	7	7	8	8	7	8	5	5	6	5	4	4	3	6
3	3	3	3	3	3	3	4	7	7	8	8	8	9	8	8	11	7	6	5	4	4	4	4	4	6
4	3	3	3	3	3	4	6	7	6	6	****	6	4	7	7	6	5	3	3	4	4	3	5	5	5
5	4	2	2	1	1	3	4	7	5	4	6	6	5	6	8	11	10	6	4	5	3	2	3	2	5
6	2	2	2	2	2	2	3	3	3	4	3	3	4	3	5	6	3	5	5	4	3	4	4	3	3
7	3	2	2	2	2	2	2	2	2	2	2	3	2	2	3	3	3	3	3	3	3	3	3	2	2
8	2	2	2	2	2	2	3	3	3	3	3	4	3	4	4	4	3	5	6	4	4	3	5	3	3
9	3	2	2	2	2	3	3	5	5	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4
10	4	4	3	3	3	5	8	10	14	7	6	7	6	5	6	8	9	7	8	5	4	4	4	4	6
11	4	3	3	3	3	4	7	8	8	8	9	7	7	7	8	8	9	8	10	8	5	4	6	6	6
12	4	4	3	3	3	4	4	6	6	6	5	4	4	5	6	6	14	7	5	6	4	5	4	4	5
13	4	4	3	3	3	3	4	4	4	4	4	4	4	3	4	4	4	4	4	4	3	4	4	4	4
14	5	4	4	4	3	3	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4	4	4
15	4	3	3	3	3	4	5	7	6	6	7	7	7	****	5	7	6	5	4	4	4	5	5	5	5
16	4	3	3	3	3	4	6	7	6	5	6	6	6	7	****	8	7	6	5	5	5	5	5	5	5
17	5	4	4	4	4	4	7	9	11	9	11	9	13	12	19	14	14	14	15	13	11	9	11	11	10
18	8	5	4	4	4	4	4	6	5	6	6	5	6	6	9	9	8	6	7	7	6	6	6	5	6
19	4	4	3	3	3	4	5	6	6	6	7	8	7	7	10	13	14	10	7	6	5	5	6	6	6
20	6	5	4	4	4	4	4	5	5	5	4	5	5	5	5	4	5	5	5	5	4	4	5	4	5
21	4	3	3	3	3	3	3	3	3	4	4	5	5	5	4	5	4	4	4	4	4	5	6	5	4
22	4	4	4	3	4	5	9	7	6	6	5	5	5	5	6	8	7	7	6	6	5	4	4	3	5
23	3	2	2	2	2	3	4	6	5	4	3	4	5	5	4	5	6	4	3	3	3	3	4	3	4
24	3	3	3	3	3	3	3	4	3	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3
25	3	3	3	3	3	3	4	4	3	3	3	3	4	4	4	5	5	4	4	4	4	3	3	3	4
26	3	3	3	3	3	3	4	5	4	4	5	4	4	4	5	6	4	4	4	4	4	3	3	3	4
27	3	3	3	3	3	3	4	4	5	4	5	5	6	7	7	7	6	5	5	6	5	5	6	4	5
28	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4
29	3	3	3	3	3	3	4	4	5	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	4
30	5	4	4	4	4	3	4	5	6	6	5	****	7	6	7	7	9	8	6	6	5	5	4	5	5
31	5	4	3	3	3	3	4	6	8	6	6	6	6	6	7	7	8	8	6	6	6	8	8	7	6
MEAN	4	3	3	3	3	3	4	6	6	5	5	5	5	5	6	7	7	6	5	5	5	4	5	4	4.8

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	4	4	4	4	5	7	8	7	9	10	10	11	10	12	12	15	12	9	7	6	4	4	8
2	4	4	4	4	3	4	4	5	7	5	5	6	7	6	7	8	12	7	6	7	5	5	5	5	6
3	5	5	4	4	4	4	4	5	5	5	6	6	5	5	6	6	6	5	5	5	5	4	5	5	5
4	5	4	4	4	3	3	4	5	4	4	4	4	4	4	4	8	6	4	5	5	6	4	5	4	4
5	6	5	4	4	4	4	5	7	7	6	6	5	7	5	7	9	9	8	6	5	5	6	5	5	6
6	5	6	5	5	4	4	4	5	8	10	8	9	8	10	9	9	13	12	8	8	7	7	7	7	7
7	4	4	3	3	3	3	3	3	4	4	4	4	4	4	4	5	6	5	5	4	4	4	3	4	4
8	4	4	3	3	3	3	3	4	4	4	4	4	5	4	4	4	5	5	4	5	4	4	4	3	4
9	4	3	3	3	3	3	4	5	10	****	5	6	6	5	6	9	11	12	5	4	4	4	4	5	5
10	5	2	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	2	1	1	1	1	1
11	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	1	1	1	1	1	1	1	2	2	2	2	2	4	5	5	5	6	7	5	6	4	5	4	4	3
13	4	3	2	1	1	1	2	3	4	4	3	****	3	2	2	3	3	3	4	3	3	2	2	2	3
14	2	1	1	1	1	1	1	2	3	3	2	2	2	2	3	3	3	4	3	2	2	2	3	2	2
15	2	2	2	1	1	2	3	4	4	4	3	4	4	5	4	4	5	6	4	4	3	2	2	2	3
16	1	1	1	1	2	2	2	4	4	3	3	4	5	4	4	5	7	5	4	3	3	3	3	3	3
17	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	3	4	7	7	10	7	9	4
18	9	6	4	4	4	6	4	4	5	4	3	3	4	5	4	5	5	4	5	4	4	3	2	2	4
19	2	2	2	1	1	2	2	4	5	5	4	6	7	****	8	10	8	8	7	5	4	5	5	5	5
20	4	3	3	3	3	3	3	4	6	4	3	3	3	3	3	2	4	3	2	3	2	2	2	2	3
21	2	1	1	1	2	2	2	4	4	4	4	5	5	5	5	5	6	5	5	4	3	3	3	3	4
22	3	3	2	2	2	2	3	4	7	5	5	6	6	5	7	6	6	5	6	3	4	4	3	4	4
23	3	2	2	2	2	2	3	4	5	6	6	7	5	7	10	10	16	14	7	9	10	10	8	8	7
24	10	6	3	2	2	2	2	2	2	2	2	2	2	3	4	4	5	4	4	3	4	4	4	4	3
25	4	4	3	3	4	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
26	2	2	2	2	2	1	2	3	5	3	4	5	3	****	3	3	4	3	2	2	2	2	2	2	3
27	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	9	6	4	4	3	4	4	3	3
28	3	3	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3	3	3	3	3
29	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	5	5	4	4	4	3	4	3	3	3
30	3	3	2	2	2	2	3	4	4	3	4	4	4	4	4	4	5	6	4	4	4	3	3	4	4
MEAN	4	3	3	2	2	2	3	4	5	4	4	4	4	4	5	5	6	6	5	4	4	4	4	4	4.0

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	3	3	3	3	4	4	5	5	6	5	5	4	5	5	5	4	3	3	3	3	4
2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3
3	4	3	3	3	3	3	4	4	5	7	5	4	5	5	5	6	6	8	4	4	4	3	3	3	4
4	3	3	3	3	3	3	3	4	5	4	4	4	4	4	4	5	6	6	5	4	4	4	4	4	4
5	4	4	4	3	3	3	3	4	5	4	4	4	4	4	4	3	5	4	3	4	3	3	2	3	4
6	2	2	1	1	1	2	2	4	6	5	5	5	6	8	6	5	5	5	5	5	5	4	5	5	4
7	5	4	3	3	3	3	4	4	7	5	5	5	6	5	5	6	8	8	5	5	4	4	4	4	5
8	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	4	3	3
9	3	3	3	3	2	2	3	3	3	3	3	3	3	3	4	3	4	3	3	3	3	3	3	3	3
10	3	2	2	2	2	2	3	4	6	6	5	5	5	5	5	5	7	8	4	4	4	5	3	4	4
11	3	2	2	2	2	2	2	3	3	3	4	4	4	5	5	5	5	5	4	3	4	3	3	3	3
12	3	3	2	2	2	2	2	3	3	3	3	3	2	3	3	3	3	3	3	2	2	2	3	3	3
13	2	2	2	1	1	2	2	3	4	3	3	3	4	3	4	6	9	11	9	5	4	4	2	2	4
14	2	2	1	1	1	1	2	3	3	2	2	****	2	2	2	3	3	3	2	2	2	2	2	2	2
15	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	3	3	5	3	3	3	3	3
16	4	3	3	2	2	2	2	2	3	3	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2
17	3	3	2	2	2	2	3	4	5	6	6	4	2	2	2	2	2	2	2	1	2	1	1	1	3
18	1	1	1	1	1	1	1	1	2	2	2	4	3	3	6	10	8	6	4	3	3	2	2	2	3
19	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2
20	2	1	1	1	1	1	1	2	3	3	3	4	4	4	5	6	10	6	7	5	7	10	3	3	4
21	3	2	2	1	1	1	2	3	4	3	6	5	5	5	7	10	10	6	5	5	4	5	5	4	4
22	3	3	2	2	1	1	1	1	2	2	2	3	3	4	4	5	4	4	4	5	4	6	5	4	3
23	3	2	2	1	1	1	1	2	1	1	2	2	2	3	3	3	2	2	2	2	2	3	3	3	2
24	2	1	1	1	2	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
25												- DATA INVALID -													
26												- DATA INVALID -													
27	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	2	2	2	2	1	1	1	1	1	******
28	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2	3	2	2	1	2	1	2	2	2
29	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
31	3	2	2	2	2	2	2	2	3	3	4	3	4	3	4	5	4	4	3	4	3	4	4	5	3
MEAN	3	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	5	4	4	3	3	3	3	3	3.1

PERCENTAGE OF DATA VALID - 89.7 PERCENTAGE OF DATA INVALID - 10.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.2	5	11
FEB	28	3.8	7	16
MAR	31	5.0	8	13
APR	21	3.6	6	12
MAY	30	4.3	6	18
JUN	25	3.7	6	8
JUL	31	3.6	6	9
AUG	31	4.1	8	12
SEP	24	3.7	7	14
OCT	31	4.8	10	19
NOV	30	4.0	8	16
DEC	27	3.1	5	11
YEAR	340	3.9	10	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31090 67 COLLEGE ST 2ND FL TORONTO

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	29	479	224	6	0	0	738
FEB	0	345	309	13	1	0	668
MAR	5	140	543	53	0	0	741
APR	47	260	232	7	0	0	546
MAY	22	268	415	18	3	0	726
JUN	53	211	347	0	0	0	611
JUL	53	350	326	4	0	0	733
AUG	41	299	366	32	0	0	738
SEP	68	231	265	18	1	0	583
OCT	2	204	495	31	8	0	740
NOV	57	276	346	34	3	0	716
DEC	80	375	204	8	0	0	667
YEAR	457	3438	4072	224	16	0	8207

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
93.7	0	1.3	2.3	3.1	4.0	5.9	7.1	8.7	9.8	19	3.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	1	1	1	0	1	1	8	2	2	2	1	1	1	-	-	-	0	1
3	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
4	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
5	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	5	1	1	1	1	1	1	****	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	1	1	1	1	1
8	1	1	1	0	0	1	1	2	3	2	2	1	****	****	****	1	1	1	1	1	1	1	1	1	1
9	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	2	2	2	1	1	1	****	1	1	4	2	2	1	1	1	****	1	1
11	1	1	1	0	1	1	3	10	10	5	3	1	1	1	1	1	4	2	-	-	-	2	2	2	3
12	1	1	2	1	1	1	2	6	5	1	1	1	1	1	1	2	2	2	-	-	1	1	-	6	2
13	4	2	2	1	1	0	1	1	1	-	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1
14	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	1	1	1	1	1	1	1	3	1	2	2	2	1	1	1	2	2	1
17	2	2	3	2	1	D	0	1	1	0	0	1	1	1	2	3	3	2	2	2	0	0	0	0	1
18	0	0	0	0	0	0	1	2	1	1	-	-	1	1	0	2	2	1	1	1	0	1	1	0	1
19	1	0	0	0	0	0	1	4	6	****	3	3	-	1	1	2	1	1	2	2	0	0	0	0	1
20	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	1	0	1
21	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0
22	0	0	0	0	0	-	1	1	1	1	1	1	0	1	1	1	-	****	1	0	0	0	0	0	0
23	0	D	0	0	0	0	0	1	1	1	1	1	1	1	1	3	1	1	1	0	0	0	1	0	1
24	0	0	0	0	0	0	1	2	-	-	1	1	5	1	1	1	1	1	1	0	0	0	0	0	1
25	0	0	0	0	0	0	1	3	3	2	2	2	2	2	2	2	3	2	1	1	1	1	1	1	1
26	1	0	0	0	0	0	1	2	2	2	1	1	1	2	1	2	2	2	2	2	1	1	1	1	1
27	1	1	1	0	0	0	1	2	1	2	1	1	1	2	1	2	2	2	1	1	1	1	1	1	1
28	1	1	1	0	0	0	0	D	D	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	4	2	1	1	0	0	0	0	0	1
30	0	0	0	0	0	D	0	1	1	1	1	1	D	0	1	2	2	-	1	1	0	0	0	0	1
31	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	2	1	1	0	1	0	0	0	1
MEAN	1	0	0	0	0	D	1	2	2	1	1	1	1	1	1	2	2	1	1	1	0	0	1	1	0.9

PERCENTAGE DF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	D	0	0	0	0	0	1	1	1	1	1	1	1	2	3	3	2	1	1	1	0	1	1	1
2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
3	2	2	2	2	2	2	3	6	3	2	2	1	0	0	0	1	1	1	1	1	1	1	1	0	2
4	1	1	1	1	1	1	1	1	0	0	0	D	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	1	1	1	1	1	1	1	****	1	-	****	0	0	0	0	0	0	0
6	0	0	0	****	0	D	1	4	4	4	1	0	0	0	1	1	1	1	0	0	0	0	0	0	1
7	0	0	0	0	0	0	1	4	1	0	1	0	0	0	0	2	1	0	0	1	D	0	1	0	1
8	0	0	0	0	0	0	0	1	****	0	0	0	0	0	0	****	3	2	1	1	1	1	1	1	1
9	1	1	1	1	1	1	2	3	2	2	3	1	1	1	1	2	2	2	2	1	1	1	1	1	1
10	1	1	1	1	0	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	3	4	3	4	1
12	4	3	2	1	2	2	3	5	4	4	3	2	1	1	1	3	3	4	3	2	2	1	1	1	2
13	1	1	1	1	1	1	2	3	3	3	2	3	2	2	3	3	3	3	****	2	1	2	2	2	2
14	1	1	1	1	1	1	2	3	3	3	2	3	3	2	2	3	2	2	1	1	1	2	2	1	2
15	1	1	1	1	1	1	1	3	3	2	1	1	1	1	2	3	1	1	-	1	1	1	1	1	1
16	1	1	1	1	1	1	1	3	3	2	2	2	2	1	****	3	-	2	-	2	1	1	1	1	2
17	-	1	1	1	1	1	1	1	2	1	1	1	1	-	2	2	2	1	2	2	2	2	1	2	1
18	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	****	1
19	****	1	****	1	1	1	2	6	7	5	2	2	1	1	7	2	1	2	2	2	1	1	1	1	2
20	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	2	2	1	1	2	2	2	2	2
21	2	2	1	1	1	1	3	5	4	2	2	3	2	1	1	2	2	2	1	1	1	1	1	1	2
22	1	1	1	1	1	1	1	2	2	2	1	2	****	2	2	3	4	3	2	2	2	1	2	1	2
23	1	1	1	1	1	1	2	3	3	2	2	2	3	3	3	6	7	4	4	3	2	1	1	2	2
24	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	3	3	2	2	2	2	1	2	3	3	****	2	1	1	1	1	1	2
27	1	1	1	1	1	1	1	3	3	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
28	2	2	1	1	1	1	1	2	3	4	3	2	2	2	2	2	3	3	2	2	3	3	3	3	2
MEAN	1	1	1	1	1	1	1	3	2	2	2	1	1	1	2	2	2	2	1	1	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	1	1	1	2	3	2	1	1	1	2	2	1	2	2	2	2	1	1	1	1	2	2
2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	-	****	1	1	1	1	1	1
3	0	1	1	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	4	4	1
5	0	0	0	0	0	0	0	1	1	1	0	1	0	1	1	1	2	2	1	1	1	1	1	1	1
6	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1
7	-	****	0	0	0	0	3	11	4	1	1	1	1	0	1	1	2	1	1	2	1	1	2	2	2
8	2	2	1	1	1	1	2	5	4	2	1	1	1	1	1	2	3	2	2	2	1	1	2	2	2
9	1	1	1	0	1	2	2	6	5	3	2	1	1	1	1	3	2	1	1	1	1	1	1	1	2
10	1	1	1	1	0	0	1	1	1	1	1	1	0	0	1	0	0	0	1	1	1	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	1	1	1	1	1	1	****	1	1	2	1	2	0	1	1	-	1	1
13	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	2	3	1	1	1	0	1	0	0	1
14	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
15	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
16	1	1	1	0	0	-	1	2	1	1	1	****	****	1	1	2	3	2	2	2	1	1	1	1	1
17	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
18	2	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
19	1	0	0	0	1	1	2	3	1	1	1	1	1	1	1	1	1	1	2	2	3	4	4	5	2
20	4	4	4	3	1	1	3	6	8	6	5	5	2	2	2	2	3	-	****	3	3	****	1	1	3
21	1	1	2	1	0	0	2	5	4	2	1	0	0	0	0	1	1	1	1	3	2	2	4	6	2
22	9	6	2	2	2	1	1	4	3	3	3	2	2	2	1	2	1	2	1	2	2	1	1	1	2
23	1	0	0	0	0	0	1	2	1	0	1	2	1	2	2	3	3	3	1	1	0	0	0	0	1
24	0	1	0	0	0	0	0	0	0	0	0	1	2	4	3	1	0	0	0	1	0	0	1	1	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
26	0	0	0	0	0	0	0	1	1	0	0	0	0	0	7	0	1	1	1	0	0	0	0	0	1
27	0	0	0	0	0	0	0	1	1	1	0	1	0	0	1	0	1	1	1	0	0	0	0	0	0
28	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	2	0	0	0	0	0	1	1	0	1
29	0	0	0	0	0	0	1	4	2	2	1	2	2	1	3	3	3	2	1	2	1	1	1	1	1
30	0	0	0	0	0	0	1	3	-	2	1	3	4	3	2	2	4	2	1	2	2	2	1	1	2
31	1	1	1	1	0	0	0	1	1	1	1	1	1	0	1	1	0	0	1	1	0	1	0	0	1
MEAN	1	1	1	0	0	0	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	4	3	6	****	****	****	****	****	****	****	****	****	****	****	-	-	-	******
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	3	1	1	1	1	1	1	1	******
27	1	1	1	1	1	1	1	2	2	****	2	2	2	2	2	2	3	2	2	2	2	2	2	1	2
28	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	3	1
29	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	2	3	2	2	2	2	2	****	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 19.2 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 79.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 3110S HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	2	4	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
3	1	1	1	0	1	1	2	2	1	1	2	2	1	2	5	4	3	5	4	1	1	1	1	1	2
4	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	-	1	0	1	1	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0
6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	0	1
8	0	0	0	1	1	2	3	3	2	2	1	1	1	1	2	2	1	1	1	1	1	1	2	1	1
9	0	0	0	0	1	2	5	2	2	1	1	1	0	1	1	2	1	1	1	1	2	2	2	2	1
10	1	1	1	1	1	2	7	5	4	3	2	2	1	1	1	1	2	1	1	1	1	1	1	1	2
11	1	1	0	0	0	1	3	2	2	1	1	1	1	1	1	1	0	1	0	0	0	1	2	2	1
12	2	0	1	1	0	0	1	2	2	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
14	1	0	0	0	0	1	2	1	1	0	0	1	****	1	2	1	2	2	2	2	2	2	2	1	1
15	1	1	1	1	1	1	3	2	3	3	3	1	2	2	2	2	2	2	2	2	1	2	2	1	2
16	1	1	1	1	1	2	2	3	2	1	2	1	2	1	2	2	2	1	2	2	2	2	2	2	2
17	-	2	2	****	3	4	4	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	1	2
18	2	2	2	2	2	3	4	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2
19	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	1
21	****	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	2	3	3	2	1	1	1	1	2	1	2	1	2	1	2	1	1	2	****	1
23	1	1	1	1	1	2	3	2	1	1	1	2	2	2	2	2	2	1	1	2	1	2	2	2	2
24	2	1	1	1	1	2	3	2	2	2	4	0	1	1	1	1	0	0	0	0	0	1	1	0	1
25	0	0	0	0	-	****	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	1	1	1	2	1	1	0	0	0	1	1	1	0	1	1	1	1	0	1	1
29	1	0	0	0	0	1	3	2	1	0	1	1	6	****	1	1	1	1	1	1	1	0	1	1	1
30	1	0	0	0	0	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
31	1	0	0	0	1	2	6	3	2	2	1	0	0	1	1	1	1	1	1	1	1	2	1	1	1
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 3110S HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	1
2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	1
4	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	3	2	1	1	1	1
5	1	1	1	1	1	2	2	2	1	2	1	1	4	****	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	2	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	0	1	1	3	2	2	1	1	1	1	1	2	2	1	1	1	1	2	4	4	3	2
8	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	2	1	2	3	2	1	1
9	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1
10	1	1	0	0	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
11	0	0	0	0	0	0	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	0	0	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
14	1	2	3	2	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	1
17	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
18	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1
19	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	3	1	1
21	1	1	1	0	0	1	3	2	2	2	1	1	2	1	2	1	1	1	1	1	1	1	1	0	1
22	1	1	0	0	0	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1
26	4	4	2	2	3	3	5	3	1	2	2	1	1	****	1	1	1	1	1	1	1	1	1	1	2
27	0	1	1	1	1	1	1	1	2	2	2	1	1	1	1	2	1	1	2	1	1	1	1	1	1
28	1	1	0	0	0	1	3	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	0	0	0	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	1	0	0	1	0	0
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	1	1	2	1	1	0	1	0	****	1	1	1	0	0	1	1	1	1	0	1
4	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
5	0	0	0	0	0	1	1	1	1	1	1	****	1	1	2	2	2	1	1	2	2	2	1	1	1
6	1	1	1	1	1	2	4	4	2	1	1	1	2	1	2	2	1	2	1	2	2	2	2	2	2
7	2	2	2	1	2	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	2	3	3	2
8	2	2	2	1	1	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
9	3	4	3	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	1	2
10	1	1	1	1	1	1	3	2	2	1	2	-	1	1	1	1	1	1	2	1	1	2	1	1	1
11	1	1	1	1	1	2	3	3	3	2	2	1	2	2	2	3	2	1	2	1	2	2	3	3	2
12	3	3	3	3	3	4	5	4	3	3	2	2	1	1	1	1	1	1	1	1	2	3	3	2	2
13	1	1	1	1	2	3	4	2	2	2	1	1	****	2	2	2	2	2	2	2	2	2	2	2	2
14	3	4	4	2	2	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	3	3	2	2	1
16	2	2	2	2	2	2	2	4	3	3	2	1	1	2	2	4	2	1	1	1	1	1	1	1	2
17	1	1	1	1	2	1	3	-	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
18	1	0	0	0	0	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	2	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
20	3	1	1	1	1	2	4	2	1	1	1	1	1	1	2	1	2	1	1	1	1	2	2	3	2
21	****	2	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2
22	2	2	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
23	****	1	1	1	1	1	3	2	2	2	1	5	2	1	2	2	2	1	1	1	1	1	1	1	2
24	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	3	2	2	3	3	2	1	-	1	1	1	1	2	2	2	2	2	1	2
28	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
29	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	4	2	2
30	1	1	1	1	1	2	4	2	2	2	1	1	2	8	2	2	1	1	1	1	1	1	1	1	2
31	1	1	1	1	1	2	3	4	2	1	1	2	2	1	1	1	2	2	2	2	2	2	2	1	2
MEAN	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1.4

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	3	2	1	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	****	1	1	1	1	2	2	2	3	2	1
3	1	1	1	1	1	3	3	2	2	1	2	2	2	0	1	2	2	2	2	3	3	3	2	3	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	4	3	3	2
5	3	3	2	2	2	2	2	1	2	1	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2
6	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	3	3	2
7	3	2	2	2	2	2	2	2	2	2	2	2	****	2	2	2	3	3	2	2	2	2	2	2	2
8	1	2	2	2	1	2	3	3	3	3	2	2	****	2	2	2	2	1	1	1	1	1	1	1	2
9	1	1	1	1	1	1	2	1	1	1	1	2	2	****	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	0	1	2	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	1
13	3	4	3	2	2	4	7	5	3	1	1	1	6	1	2	1	1	1	1	1	1	1	1	1	2
14	1	1	1	1	1	1	2	2	1	1	2	1	1	1	2	2	2	1	-	1	1	1	1	1	1
15	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2
16	2	1	1	1	1	2	4	3	2	2	2	2	1	1	1	2	2	2	2	2	2	4	4	2	2
17	3	2	2	2	3	4	7	5	4	3	2	2	2	1	2	2	2	2	2	2	1	1	2	2	3
18	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	3	2
19	4	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	2	2
20	3	2	1	1	2	2	5	4	3	3	3	1	2	5	2	2	2	2	2	1	2	3	4	4	3
21	4	3	3	3	3	3	5	4	3	4	3	2	1	1	2	1	2	1	2	4	4	4	3	4	3
22	2	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1
23	1	1	2	2	2	2	3	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2
24	2	1	1	1	1	1	2	2	2	2	1	1	1	1	****	2	1	1	1	1	1	2	2	2	1
25	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	2	1	2	2
26	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
27	1	1	1	1	1	2	3	4	3	2	1	1	7	2	2	2	2	2	2	2	1	2	2	2	2
28	2	2	2	3	3	2	4	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
29	2	1	1	1	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	1	1	2	3	3	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2
31	2	1	1	1	2	2	4	3	2	2	2	2	1	1	1	2	1	1	2	2	1	2	2	2	2
MEAN	2	2	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 3110S HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	4	4	5	4	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1
4	1	1	1	1	1	2	3	3	2	2	2	2	4	1	1	1	1	1	1	1	1	1	1	1	2
5	2	3	2	2	2	3	5	2	1	1	1	1	1	1	1	2	1	1	1	1	2	1	2	2	2
6	2	1	1	1	1	1	3	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1
9	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	2	1
11	2	1	1	1	1	2	4	3	3	2	2	1	2	5	1	-	1	1	1	1	1	3	3	2	2
12	2	0	0	0	1	1	3	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	1
13	1	1	1	0	1	2	3	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
14	0	0	0	0	1	1	3	2	2	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	2	1	2	****	****	****	****	****	****	****	****	****	****	****	****	******
18	****	****	****	****	****	****	****	****	****	1	1	1	1	1	2	2	1	1	1	****	1	1	1	1	******
19	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	****	2	1	2	1	2	1	1
20	2	3	3	2	3	4	8	8	5	3	2	1	1	1	1	1	1	2	2	2	2	2	2	2	3
21	2	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	****	2	2	1	2
22	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1	1
23	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	3	4	4	4	2
24	3	3	2	2	2	3	5	6	2	1	2	1	1	4	2	1	1	1	1	1	1	2	2	2	2
25	4	4	4	3	4	5	5	3	2	2	2	2	2	1	1	1	2	2	2	2	3	4	2	2	3
26	1	1	1	1	1	1	2	3	3	2	1	2	1	1	1	1	1	2	3	5	4	4	8	5	2
27	4	4	4	3	3	4	10	7	3	2	2	2	2	1	2	2	1	1	2	3	2	2	3	2	3
28	2	1	1	1	1	2	3	2	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	3	2
29	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	4	2
30	4	3	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
MEAN	2	2	1	1	1	2	3	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 3.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 3110S HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	0	1	3	3	3	2	1	2	14	2	2	3	2	2	1	2	2	3	3	2	2
2	2	1	1	1	1	1	3	4	3	2	2	2	2	2	2	2	2	2	2	1	2	2	1	1	2
3	1	1	1	1	1	1	3	3	3	3	2	2	2	2	3	3	3	2	2	2	2	2	2	1	2
4	1	1	1	1	1	2	3	3	2	2	2	3	3	2	3	4	3	3	3	3	3	3	4	5	3
5	3	2	2	1	1	2	2	3	2	2	2	2	2	3	3	3	2	3	3	3	2	2	2	2	2
6	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1
8	1	-	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
9	2	1	1	1	1	2	3	3	3	3	-	****	2	2	3	2	3	3	2	3	2	2	2	2	2
10	3	3	-	2	3	****	6	7	6	2	2	1	2	1	2	2	2	2	2	2	2	2	2	2	3
11	2	1	1	1	1	2	3	4	4	2	2	2	2	2	****	2	2	2	2	2	1	1	1	1	2
12	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	1	2
13	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	1
15	1	1	1	1	1	2	3	-	3	****	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
16	1	1	1	1	1	2	3	2	2	2	2	-	2	1	1	1	1	1	1	1	1	1	1	2	1
17	2	1	1	1	1	2	6	-	-	3	3	3	2	2	3	9	7	5	7	6	4	5	5	6	4
18	6	1	1	0	1	1	3	2	1	1	1	1	1	1	2	1	****	1	1	1	1	2	1	1	1
19	1	1	0	0	0	1	2	2	1	1	1	1	2	2	3	-	-	2	2	1	1	1	1	1	1
20	1	1	0	0	0	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0
22	0	0	0	0	0	2	6	4	2	1	1	1	0	0	1	1	2	1	1	1	1	1	1	0	1
23	0	0	0	0	0	0	1	2	1	5	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	-	2	2	2
25	2	2	1	2	1	2	2	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2
26	2	2	2	2	2	2	3	3	3	2	2	-	-	-	3	3	3	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	-	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	3	3	2	2	2	2	3
30	2	2	2	2	2	2	2	4	3	3	2	2	9	1	1	2	1	1	1	1	1	1	1	1	2
31	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	1
MEAN	2	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	2	3	3	3	3	3	2	2	2	3	4	6	6	2	1	1	1	1	2
2	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1
3	1	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	-	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	1
5	2	2	2	2	3	4	7	11	4	2	2	2	2	4	2	3	3	2	1	1	1	1	3	3	3
6	4	4	3	2	2	2	3	6	8	5	2	3	3	3	2	5	3	2	4	4	3	4	4	2	3
7	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2
8	1	1	1	1	1	-	****	1	1	1	1	1	2	2	2	2	3	3	2	2	2	2	2	2	2
9	2	2	2	3	4	3	4	7	9	2	2	2	2	2	2	4	2	1	1	-	1	1	1	2	3
10	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	1	-	1	1	1	1	1	1	1	1	1	-	2	2	2	2	2	2	1	1	1	1	2	1
12	1	1	1	-	1	1	1	2	2	2	1	1	2	2	2	2	3	2	2	3	5	5	5	5	2
13	4	3	2	1	1	1	2	4	5	4	3	2	2	2	****	2	2	3	3	2	2	1	1	1	2
14	1	1	1	1	1	1	1	2	3	2	2	1	1	1	2	2	2	3	2	2	1	1	2	2	2
15	1	2	1	1	1	1	2	2	2	1	1	1	1	1	2	2	3	3	3	3	2	****	1	1	2
16	1	1	1	1	0	1	1	2	2	2	2	****	1	1	1	1	2	2	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	4	5	5	7	11	2
18	14	12	12	8	5	4	3	4	4	3	1	2	2	1	1	1	1	1	1	1	1	1	1	1	4
19	1	1	1	1	1	1	1	3	3	2	1	2	2	3	3	3	2	2	1	2	2	2	2	2	2
20	1	1	2	2	2	2	3	5	4	3	2	2	2	2	1	1	2	2	2	2	1	1	1	1	2
21	1	1	1	1	1	1	1	3	2	2	2	2	2	1	2	3	2	-	1	1	1	1	1	1	1
22	1	1	1	1	1	1	3	4	4	3	2	2	2	1	2	2	3	2	2	1	2	1	1	1	2
23	1	1	1	1	1	1	3	4	3	3	3	3	3	2	3	4	3	6	4	3	3	5	5	7	3
24	5	-	3	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	****	2	2	2
25	2	2	2	5	4	3	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
26	1	1	1	1	1	1	2	3	2	2	2	2	1	1	5	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	2	1	1	1	1	****	****	2	3	2	2	2	2	2	1	1
28	1	1	1	1	1	1	1	1	2	1	1	1	****	1	2	2	2	2	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	-	****	2	1	1	1	1	1	1
30	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
MEAN	2	2	2	2	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 97.5 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	****	2	2	2	2	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	2	1
3	1	1	1	1	1	1	1	2	2	2	1	1	1	1	5	2	****	3	3	2	2	2	2	2	2
4	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3
5	3	3	3	3	2	2	3	3	3	3	3	3	2	3	3	3	4	4	3	3	3	3	3	3	3
6	3	3	2	2	2	3	3	4	4	4	4	3	3	3	3	4	4	4	4	3	3	3	3	3	3
7	3	3	3	3	3	3	3	3	3	2	2	2	5	2	3	3	3	3	3	2	3	3	3	3	3
8	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	3	****	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	3	3	2	2
10	2	2	2	2	2	3	3	3	4	4	3	3	3	7	****	2	2	2	2	2	1	2	2	1	3
11	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
12	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	3	2	1	1	1	1	1	2
13	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	2	2	3	2	1	1	2
14	1	1	1	1	1	1	1	2	2	2	2	1	2	****	2	2	2	2	2	2	2	2	1	1	2
15	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
16	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	2	4	4	3	2	1	1	5	1	2	2	2	1	1	1	1	1	2
18	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	4	4	3	2	2	1	1	1	1	2
19	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2	2	2	2	1	1	1	2	2	1
20	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2	4	4	7	7	6	7	6	2	1	3
21	1	1	1	1	1	1	2	4	5	3	3	3	3	2	2	3	3	2	2	2	2	2	2	2	2
22	2	2	2	1	1	1	1	1	1	1	1	2	1	2	2	3	3	2	2	2	2	2	2	2	2
23	2	2	2	2	1	2	1	2	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2
24	2	2	2	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	3	3	2	2	2	2	2	1	1	1
28	1	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2
29	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1
31	2	2	1	1	2	2	2	10	4	3	2	1	2	2	2	2	2	2	2	2	1	2	2	-	2
MEAN	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.9	3	10
FEB	28	1.4	2	7
MAR	31	1.1	3	11
APR	5	1.1	2	6
MAY	31	1.1	2	7
JUN	30	1.1	2	5
JUL	31	1.4	2	8
AUG	31	1.8	3	7
SEP	28	1.6	3	10
OCT	31	1.8	4	14
NOV	30	1.9	4	14
DEC	31	1.9	3	10
YEAR	338	1.4	4	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	615	88	13	2	0	0	718
FEB	414	215	24	0	0	0	653
MAR	574	126	29	2	0	0	731
APR	106	30	2	0	0	0	138
MAY	551	169	15	0	0	0	735
JUN	612	96	7	0	0	0	715
JUL	479	237	18	0	0	0	734
AUG	320	383	34	0	0	0	737
SEP	418	238	38	1	0	0	695
OCT	284	412	25	2	1	0	724
NOV	351	291	54	5	1	0	702
DEC	306	399	31	1	0	0	737
YEAR	5030	2684	290	13	2	0	8019

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
91.5	0	0.0	0.3	0.7	1.3	2.1	2.8	3.8	4.9	14	1.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	0	1	1	1	1	1	1	1	1	1
2	0	0	0	0	0	0	1	2	2	1	1	1	2	1	5	2	3	2	2	2	-	-	-	1	1
3	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1
4	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1
5	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	3	2	2	2	2	2	****	2	1
6	2	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
7	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2
8	1	1	1	1	1	1	3	4	5	3	2	1	1	****	1	1	2	2	2	1	1	1	1	1	2
9	1	1	0	0	0	0	1	1	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	2	1
10	1	1	1	1	1	1	2	3	3	2	1	1	1	****	1	1	3	3	3	2	2	2	****	2	2
11	1	0	0	0	0	1	3	5	9	8	5	2	2	1	1	2	2	3	3	-	-	4	3	3	3
12	2	2	1	1	1	1	2	2	2	2	1	0	0	7	4	1	1	1	-	-	4	3	2	2	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	0	0	0	0	1	1	2	1	1	1	1	****	****	2	2	2	2	2	2	1	1	1	1
16	1	1	1	1	1	1	3	3	3	3	2	2	2	2	2	3	3	3	4	4	4	4	4	4	3
17	5	3	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	5	2	2	2	2	2
18	1	1	1	1	1	1	2	4	3	2	-	-	2	2	2	3	4	4	4	3	3	3	2	1	2
19	1	2	1	1	1	1	2	4	3	2	2	2	-	2	1	2	2	2	2	2	2	2	1	1	2
20	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2
22	1	1	1	1	1	-	3	4	4	3	2	2	2	2	2	2	2	****	2	2	2	2	2	3	2
23	2	1	1	1	1	1	2	4	4	3	2	2	1	1	1	1	1	2	1	1	1	1	1	1	2
24	1	1	1	1	1	1	2	2	2	-	1	1	1	2	****	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	5	4	3	3	3	2	1	1	2
26	1	1	1	1	1	1	2	4	4	3	2	2	3	2	2	3	4	4	3	3	3	3	2	3	2
27	2	2	1	1	1	1	2	3	3	4	3	3	2	3	3	2	3	3	2	3	3	2	1	2	2
28	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2	3	3	2	2	2	2	2	1	1	2
30	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	-	2	2	2	2	1	2	2
31	1	1	1	1	1	1	2	4	3	2	2	2	2	2	2	2	2	3	2	2	2	2	1	1	2
MEAN	1	1	1	1	1	1	2	2	3	2	2	1	2	2	2	2	2	2	2	2	2	2	1	2	1.6

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	3	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
2	2	1	1	1	1	2	4	5	****	2	1	2	2	****	1	2	2	2	2	3	2	2	2	3	2
3	4	4	4	3	3	3	6	8	6	5	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3
4	4	3	2	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
5	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	-	2	2	2	2	1	1	2	1
6	1	1	1	1	1	1	2	4	4	2	2	1	1	2	2	****	2	2	2	1	1	2	1	1	2
7	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	2	****	2	1	1	1	1	1	2	2	2	2	2	2	2	1	2	1
9	2	2	2	2	2	2	3	5	3	2	2	2	2	2	2	2	3	3	4	4	3	3	2	3	3
10	2	2	1	1	1	2	3	2	2	1	1	1	2	2	3	2	2	2	2	2	2	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	5	5	2
12	3	2	2	2	2	2	4	4	4	2	2	1	1	1	1	1	2	3	4	3	2	1	1	2	2
13	1	1	1	1	1	1	1	2	3	2	2	2	2	2	5	3	3	3	****	2	2	2	2	2	2
14	2	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	1	1	2	2	2	1	1	1	1
15	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1
16	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	2	3	3	-	2	2	2
17	1	1	1	1	1	1	1	2	2	2	3	3	2	3	3	3	3	3	3	2	3	2	1	1	2
18	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	2	1	****	1
19	****	1	****	1	1	1	4	10	9	7	5	3	2	2	2	3	4	3	3	3	3	2	2	2	3
20	2	2	2	2	2	2	2	3	3	3	3	3	****	1	1	2	2	2	2	2	1	2	2	2	2
21	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	0	0	0	0	1	1	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	0	1	1
23	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	2	1	1	2	1	1	1	2	1
24	2	3	1	1	0	1	1	3	3	2	3	3	2	3	3	2	2	2	2	1	1	0	0	0	2
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	1	1	1	0	0	1	0	****	1	2	****	1	1	0	0	0	0	0
27	0	0	0	0	0	0	2	3	4	2	1	1	2	1	1	1	2	2	2	2	****	3	2	2	1
28	2	1	1	1	2	2	4	8	7	5	****	****	2	3	3	3	4	4	5	5	4	5	3	3	4
MEAN	1	1	1	1	1	1	2	3	3	2	2	1	1	1	2	2	2	2	2	2	2	2	1	2	1.7

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 2.1 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1
2	1	1	1	1	1	1	1	3	3	2	3	3	1	1	1	1	1	-	****	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	1
5	1	1	1	1	1	1	1	2	2	1	1	1	1	1	4	2	2	3	2	2	2	2	2	2	2
6	1	1	1	1	1	1	2	4	3	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2
7	-	****	1	1	1	2	4	7	4	2	1	1	1	1	1	1	1	2	2	2	2	2	3	3	2
8	2	2	2	1	1	2	2	3	3	2	1	1	1	1	2	9	2	2	2	3	2	2	2	3	2
9	1	2	1	1	1	2	3	6	7	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
10	1	1	1	1	1	1	1	1	2	1	2	1	2	1	1	1	2	1	1	1	1	1	1	1	1
11	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	0	1	1	2	2	1	1	1	1	****	1	1	1	1	1	1	1	2	-	3	1
13	2	1	1	1	1	1	1	2	2	1	1	1	1	1	4	2	3	2	2	2	2	2	2	1	2
14	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
15	1	1	0	0	0	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	2	1	2	1
16	2	1	1	1	1	-	2	2	2	2	1	1	1	1	****	2	2	2	2	4	4	3	2	3	2
17	2	2	2	2	2	2	3	3	3	2	2	2	2	1	1	2	2	2	2	2	1	1	2	2	2
18	2	2	2	2	1	1	2	2	1	2	2	1	2	2	2	1	1	1	2	2	2	1	1	1	2
19	1	1	1	1	1	2	2	3	1	1	1	1	1	1	1	1	1	2	3	5	5	5	5	5	2
20	4	3	2	2	1	1	4	7	7	3	2	2	2	****	1	2	3	-	****	3	2	****	3	2	3
21	1	1	1	1	1	1	3	7	4	2	1	1	1	1	1	1	1	2	2	4	4	6	9	10	3
22	8	7	5	4	2	1	2	4	4	2	2	2	2	1	1	1	1	1	1	3	3	2	2	1	3
23	2	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	2	2	1	2	1	1	2	1
24	1	2	1	1	1	1	1	1	1	1	1	1	1	3	3	2	2	1	1	2	3	3	4	3	2
25	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1
26	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	2	1	1	5	1	1	1	2	2	2	1	1	1	1	1	2	1
28	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
29	1	1	1	1	1	1	3	6	5	3	3	3	3	3	3	4	5	3	2	2	2	2	1	1	3
30	2	1	1	1	1	1	1	2	-	2	1	2	2	3	2	2	3	3	3	5	5	3	2	3	2
31	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
MEAN	2	2	1	1	1	1	2	3	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	2	2	2	****	2	2	2	2	3	3	3	2	2	2	2	2	2
3	1	1	1	1	1	1	1	2	2	****	****	1	1	2	****	3	2	2	2	1	2	2	1	1	1
4	1	1	1	1	1	1	1	2	1	1	1	1	D	0	0	0	D	0	0	0	0	0	0	1	1
5	1	1	0	0	1	****	2	2	-	-	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
6	1	0	0	0	0	0	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	0	0	0	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1
8	2	2	1	1	1	0	0	0	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	****	2	2	1	1	2	3	3	3	1
10	1	1	1	1	1	1	1	3	3	2	2	2	2	2	2	****	****	****	****	****	****	****	****	2	2
11	2	1	1	1	1	1	1	2	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	3	4	2
15	3	2	2	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	2	2	2	1	1	1
16	1	1	1	1	1	1	2	3	2	2	2	2	3	2	2	3	2	****	2	2	****	2	2	2	2
17	1	1	1	1	1	1	2	3	2	2	2	2	2	-	-	2	2	3	3	3	2	3	1	2	2
18	1	1	1	1	1	1	2	3	3	2	2	****	-	-	2	2	3	2	2	2	2	1	2	2	2
19	1	1	1	1	1	1	3	4	2	2	2	2	2	2	5	2	2	3	3	3	3	2	2	2	2
20	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	3	3	4	4	3	6	2
21	5	5	4	4	4	4	3	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2
22	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	2	2	2
23	1	1	1	1	1	1	2	3	3	2	1	1	1	1	****	1	1	2	1	3	4	4	3	3	2
24	3	3	2	1	1	1	2	3	3	2	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2
25	2	2	1	1	1	****	1	1	1	1	1	1	1	****	1	1	1	2	2	2	2	2	2	2	1
26	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
27	1	1	1	1	1	1	1	4	2	1	1	2	2	2	2	2	3	3	2	2	2	1	1	1	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	1
29	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
30	1	1	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	1	1
MEAN	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1.4

PERCENTAGE OF DATA VALID - 94.6 PERCENTAGE OF DATA INVALID - 4.6 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	1	1	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
2	1	1	1	1	1	3	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5	6	7	6	2	2	1	1	1	2
4	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	-	2	3	2	2	1	1	1	2
5	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	2	2	2	3	2	2	2	2	1	2	2	2	3	2	3	3	3	2	1	2
9	1	2	2	2	3	3	5	3	2	2	2	2	1	1	2	2	2	2	2	****	****	3	2	2	2
10	2	2	2	2	2	4	6	6	4	3	2	1	1	1	1	1	1	****	****	1	1	2	2	3	2
11	****	****	****	****	****	****	2	2	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	****	1
12	****	****	****	****	****	****	****	****	3	2	2	2	1	2	2	2	1	1	2	****	****	1	1	1	******
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	****	****	****	****	1
14	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	2	3	3	2	2	2	1	******
15	1	1	1	1	1	3	4	4	3	2	2	2	2	2	****	2	2	2	2	2	2	2	2	1	2
16	1	1	1	1	1	2	2	2	2	****	1	1	2	1	1	2	1	1	2	2	2	2	1	1	1
17	-	1	1	****	1	4	3	4	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
18	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
20	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
21	****	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
22	1	1	1	1	1	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1
23	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
25	1	1	1	1	-	****	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	1
27	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
28	1	1	1	2	2	4	5	4	3	2	1	1	1	****	2	2	2	2	3	2	3	3	3	3	2
29	3	2	2	1	2	3	5	4	4	3	3	2	2	2	2	1	1	1	1	1	2	2	2	2	2
30	1	2	1	1	2	3	3	2	2	2	2	2	2	1	1	1	1	1	2	2	3	3	5	4	2
31	4	4	3	3	5	5	8	5	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
MEAN	1	1	1	1	1	2	3	2	2	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 93.5 PERCENTAGE OF DATA INVALID - 5.9 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	****	-	-	1	1	1	1	1	1	2	3	4	4	1
2	4	3	2	2	1	1	1	1	2	2	2	2	2	2	1	2	1	2	1	2	2	3	3	3	2
3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	1
4	1	2	2	1	1	2	3	3	3	2	2	2	2	****	2	2	2	2	2	2	3	2	1	2	2
5	2	1	1	1	1	2	4	2	2	3	2	-	2	2	2	2	2	2	3	3	2	3	2	1	2
6	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	2	3	3	2	1	1
8	1	1	1	1	1	2	3	2	2	1	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2
9	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
11	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	-	-	2	2	3	3	2	2
12	1	1	1	1	1	2	4	3	2	2	2	2	2	****	2	2	2	2	****	2	2	2	2	1	2
13	1	1	1	1	1	2	3	3	2	1	1	1	1	1	2	2	2	2	2	2	2	3	5	4	2
14	5	4	4	4	****	3	****	****	2	2	2	1	1	2	1	2	2	2	2	2	3	2	2	2	2
15	2	2	2	1	2	2	3	3	3	2	****	****	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
17	4	3	2	2	2	2	1	1	1	2	2	2	2	1	1	1	1	1	2	3	2	2	2	1	2
18	2	1	1	1	1	1	2	2	2	1	****	1	1	2	3	2	2	2	2	1	2	4	4	2	2
19	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
21	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
22	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	-	2	2	2	2	1	2	2	2
23	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	****	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
25	1	1	1	1	1	1	2	2	1	1	1	1	1	4	1	1	-	1	1	2	2	2	4	5	2
26	4	3	3	2	2	3	3	2	1	1	1	1	1	1	****	1	1	1	1	1	2	2	2	1	2
27	1	1	1	1	1	2	2	3	2	2	2	2	2	2	****	2	1	1	1	1	1	1	1	1	1
28	0	0	0	0	0	0	1	1	1	2	1	0	0	0	0	0	0	0	0	1	1	0	0	1	0
29	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
MEAN	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	1	2	2	1	0	****	0	0	0	0	1	1	1	1	1	1	1	1	0	1
4	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
5	0	0	0	0	0	1	2	2	1	1	5	****	1	1	2	2	2	1	1	1	1	1	1	1	1
6	1	1	1	1	1	2	3	3	1	1	1	1	1	1	1	2	2	1	2	2	2	1	2	2	2
7	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
8	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
9	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
10	1	1	1	1	0	1	1	1	1	1	1	-	1	****	1	1	1	1	1	2	2	1	2	2	1
11	2	1	1	1	1	2	3	3	2	1	1	2	2	2	2	1	3	3	2	3	3	3	4	4	2
12	4	4	4	3	2	3	4	4	3	2	2	2	1	****	2	2	2	2	2	3	2	3	3	3	3
13	3	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2
14	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	2	1	1
16	1	1	1	1	1	3	4	2	2	1	1	2	2	2	1	1	2	1	2	2	1	2	1	0	2
17	0	0	0	0	0	1	1	-	1	0	0	1	1	1	1	1	2	2	2	2	1	2	1	1	1
18	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
19	1	1	1	1	1	3	4	3	2	1	1	1	1	1	1	1	1	1	2	2	3	2	3	3	2
20	3	2	2	2	2	3	5	3	2	2	2	1	2	1	1	1	1	1	2	1	2	3	4	3	2
21	****	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	2
22	3	3	3	2	1	1	-	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	1	2
23	****	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
24	1	1	1	1	1	2	2	2	2	2	2	1	2	****	0	1	1	1	1	1	1	0	0	0	1
25	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	****	1	1	1	****	****	1	0
26	0	****	0	0	0	****	****	1	1	1	1	1	1	1	7	1	1	1	1	0	1	0	1	0	1
27	0	0	0	0	0	1	2	2	1	0	1	1	1	-	0	1	1	0	1	2	2	2	2	1	1
28	1	1	1	0	0	1	1	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1
29	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3	1	1	1
30	1	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	1	2	3	2	1	1	1	1	7	5	2	2	2	3	3	2	2	2	1	2
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1.2

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	0	1	1	1	1	0	1
2	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	3	2	1
3	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2	3	2
4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	2	2	1
5	2	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	2	2	1	1	1	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	0
7	1	1	1	1	1	1	2	1	1	1	1	1	****	****	1	1	2	2	2	1	1	1	1	1	1
8	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	2	2	2	2	1	1	1	2	1	1
9	1	1	1	1	1	1	1	1	0	0	0	0	1	****	0	0	0	0	1	1	1	0	1	0	1
10	0	1	0	0	0	1	1	1	1	2	1	1	****	1	1	2	1	2	2	2	2	1	2	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
12	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	2	2	2	4	4	1
13	3	3	1	1	2	3	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
14	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1
15	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1	2	2	1	2	2	1	1	2	1	1
16	1	1	1	1	1	3	4	2	1	1	1	1	1	1	1	1	1	1	1	2	3	3	4	2	2
17	2	1	1	1	2	3	4	5	3	2	2	2	1	1	1	2	2	2	2	2	2	1	2	2	2
18	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	4	2
19	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	2	1	2
20	1	1	1	1	1	3	4	3	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2
21	2	2	2	2	2	4	3	2	2	1	2	1	1	4	0	0	0	1	2	3	4	5	1	1	2
22	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	1	1	1	1	1	****	1	1	1	1	1	2	2	1	1	1	1	1	1	1
24	1	1	0	0	1	1	2	2	2	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
27	1	0	1	****	1	2	5	4	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	2
28	2	2	2	2	1	2	2	2	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	3	2	1	1	2	2	1	1	1	2	2	1	1	2	2	2	3	2	2
30	2	1	2	1	1	2	4	3	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	1	2
31	1	1	1	1	1	2	3	2	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1.2

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
4	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
5	2	2	1	1	1	2	2	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	2	3	3	2	2	2	2	1	1	2	2	2	2	1	1	1	1	1	2
7	0	0	0	0	1	2	2	2	1	1	1	1	1	2	3	2	2	2	3	2	1	1	1	1	1
8	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1	1	1
9	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	2	3	2	1	1	1	1	2	5	2	2	2	2	1	1	1	1	2	1	2
11	1	1	1	1	1	3	4	2	1	1	1	1	1	1	1	-	1	1	2	2	2	4	5	3	2
12	2	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1
14	1	1	1	1	1	1	1	4	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
15	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	1
16	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1
17	1	1	1	1	1	3	4	3	3	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	2
18	1	1	1	1	1	2	3	3	2	2	1	1	1	1	1	2	1	1	1	****	1	1	1	1	1
19	1	1	1	1	1	3	5	3	2	1	1	2	2	1	1	2	2	****	2	2	2	2	3	2	2
20	2	2	2	2	3	3	6	8	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
21	2	1	1	1	1	3	4	4	3	2	2	2	2	3	3	4	3	2	4	4	****	2	2	2	2
22	2	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	2	2	2	2	2	2	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	3	3	1
24	2	2	2	2	2	3	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2
25	3	3	3	3	2	4	5	6	3	2	2	2	****	****	2	2	2	2	3	2	2	2	3	2	3
26	2	1	1	1	1	2	4	4	2	1	1	1	1	1	1	2	2	2	2	3	3	4	4	4	2
27	3	2	2	2	2	2	7	5	3	3	2	2	2	1	1	2	1	3	4	4	3	2	3	3	3
28	2	1	1	1	1	1	4	3	3	2	1	1	2	2	2	2	1	1	2	2	2	2	3	3	2
29	3	2	2	2	2	2	2	3	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
30	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	2	2	3	2	1	1	1
MEAN	2	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	2	3	2	****	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1
2	1	1	1	1	1	1	2	2	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	3	3	2	1	1	2	2	1	2
4	1	1	1	1	1	2	4	4	2	2	1	1	1	1	1	3	4	3	2	2	3	3	3	3	2
5	3	2	2	1	1	2	3	4	3	3	2	2	2	2	3	3	6	5	3	2	1	1	1	1	2
6	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	-	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	2	3	2	2	-	****	2	4	****	3	3	3	4	3	2	3	3	3	2
10	2	2	-	1	2	****	6	7	2	1	1	1	1	1	1	1	1	1	4	2	2	1	2	2	2
11	2	2	2	2	2	4	7	7	4	4	3	1	1	1	****	1	1	1	2	2	3	2	2	1	2
12	1	1	1	1	1	1	2	3	3	2	3	2	2	2	2	3	3	3	4	3	2	2	2	2	2
13	1	1	1	1	1	1	1	2	2	2	3	2	3	3	3	3	3	2	2	2	2	1	2	2	2
14	2	2	2	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	1	2
15	1	1	1	1	1	2	3	-	3	****	3	3	2	2	5	2	2	2	2	1	1	1	1	1	2
16	1	1	1	1	1	1	2	2	1	1	1	-	1	1	1	1	1	1	1	1	1	2	2	1	1
17	1	1	1	1	2	2	4	-	-	3	2	3	5	7	8	8	8	8	6	7	7	7	7	6	5
18	4	1	1	1	1	3	4	2	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	1	2
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	3	2	2	1	1	2	1	1
20	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	2	1
22	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	1	2	2	1	1	3	2	1	1	1
23	1	0	0	0	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1	2	2	1	1	1	1	-	1	1	1
25	1	0	0	1	1	2	2	3	1	1	1	2	2	1	2	4	2	2	2	1	2	1	2	1	2
26	1	1	0	1	1	2	3	3	2	2	2	1	1	-	2	2	2	1	1	1	1	1	2	1	1
27	1	1	1	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1	1	1
29	1	1	1	1	1	1	2	5	4	2	2	2	2	5	2	3	3	2	1	1	1	1	1	1	2
30	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
31	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
MEAN	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1.6

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	2	2	1	****	****	1	1	1	1	1	5	7	4	1	1	1	1	2
2	1	1	0	0	0	0	2	3	2	1	1	1	1	1	1	2	2	3	3	3	2	1	1	1	1
3	1	2	2	1	1	1	2	3	3	2	1	2	2	2	1	1	2	1	1	1	2	1	1	-	2
4	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	3	1
5	3	3	3	3	3	3	4	6	4	1	1	1	0	1	4	1	1	1	1	1	1	1	1	1	2
6	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	1	1	1	2
8	1	1	1	1	1	-	****	2	1	1	1	1	1	1	1	2	2	2	2	3	2	3	2	2	2
9	2	2	2	2	2	3	5	8	11	5	2	****	1	****	****	****	1	2	1	-	1	****	1	1	3
10	2	2	****	****	****	****	****	1	2	****	2	****	2	****	****	****	****	****	****	****	****	****	****	****	******
11	****	****	-	****	1	****	****	****	1	1	****	****	-	2	1	****	1	****	****	****	****	3	2	2	******
12	1	1	1	-	1	****	****	2	2	1	1	****	****	1	2	2	1	4	****	6	****	5	4	****	2
13	****	****	1	1	****	****	****	4	3	****	****	****	1	1	2	3	4	4	6	4	3	2	2	2	3
14	1	1	1	1	1	1	3	4	4	3	2	2	2	2	5	3	4	3	3	2	1	2	2	2	2
15	2	2	2	1	1	1	3	4	3	2	2	1	1	2	2	2	3	4	4	3	2	2	1	1	2
16	1	1	0	1	1	1	2	4	3	2	1	1	2	1	2	2	2	3	1	1	1	1	1	2	2
17	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	4	5	5	7	8	3
18	8	9	9	5	4	3	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	6	6	5	3	2	2	1	8	2	2	3	2	2	3	2	2	1	2	3
21	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1
22	1	1	1	1	1	2	3	5	5	2	2	3	3	3	2	3	3	3	2	2	2	2	2	3	2
23	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	6	6	5	4	3	4	4	3
24	5	5	5	2	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	****	2	3	3
25	4	4	5	5	4	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
26	1	1	1	1	1	1	1	2	2	1	1	1	2	1	2	1	2	2	1	1	1	1	1	1	1
27	1	1	1	1	1	1	2	2	2	2	1	1	1	****	1	1	2	2	2	2	3	2	1	2	2
28	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	3	3	2	1	1	1	1	1	1	-	****	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	1
MEAN	2	2	2	1	1	1	2	3	3	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 91.0 PERCENTAGE OF DATA INVALID - 7.9 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1	****	2	2	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	3	2	2	2	3	2	1
3	1	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	****	3	2	2	2	2	2	2	2
4	2	2	2	2	2	2	3	4	4	3	3	2	2	2	1	2	3	2	2	2	2	1	2	1	2
5	1	1	1	1	1	1	1	2	3	2	1	1	1	1	2	1	2	2	2	2	1	1	1	1	1
6	1	1	1	1	1	1	3	6	4	3	2	2	2	2	3	3	3	4	3	2	2	2	2	2	2
7	1	1	1	1	1	1	3	4	3	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	****	1	1	1	1	1	1
9	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1
10	1	1	1	1	1	1	3	7	4	2	****	1	1	1	1	1	1	1	1	1	1	1	1	2	2
11	1	1	1	1	1	1	1	2	2	1	1	1	2	1	5	1	2	2	2	1	2	1	1	1	1
12	1	1	1	1	1	1	2	3	3	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1
13	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2	1	1
14	1	1	1	1	1	1	2	3	3	2	1	1	1	****	1	1	2	2	2	2	2	1	1	1	1
15	2	2	1	1	1	2	1	2	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1
17	1	0	0	0	0	0	2	4	5	3	3	2	2	1	1	2	2	2	2	2	1	1	1	1	2
18	1	1	1	1	1	1	1	2	2	1	2	2	****	****	2	2	2	2	2	2	2	1	1	1	2
19	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
20	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	4	5	6	3	3	2
21	2	1	1	1	1	2	2	5	4	2	2	1	1	1	1	2	1	1	2	2	2	2	2	3	2
22	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2
23	2	2	2	1	1	1	1	1	1	2	2	2	2	2	3	3	2	2	2	2	3	3	3	4	2
24	4	5	4	3	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	1	2	1	1	1	1	2	1
27	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
28	1	1	1	1	1	1	1	2	2	2	2	2	2	5	2	2	2	2	2	2	2	2	2	2	2
29	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	1	1	2	1
31	2	1	2	2	1	3	5	5	5	4	3	3	3	2	2	2	3	4	4	4	4	5	5	-	3
MEAN	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.6	3	9
FEB	28	1.7	4	10
MAR	31	1.7	3	10
APR	30	1.4	2	6
MAY	29	1.6	2	8
JUN	30	1.5	2	5
JUL	31	1.2	3	7
AUG	31	1.2	2	5
SEP	30	1.6	3	8
OCT	31	1.6	5	8
NOV	28	1.8	3	11
DEC	31	1.6	3	7
YEAR	361	1.5	5	11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	394	292	35	1	0	0	722
FEB	337	278	37	2	0	0	654
MAR	432	256	39	3	0	0	730
APR	439	227	15	0	0	0	681
MAY	435	232	29	0	0	0	696
JUN	387	292	18	0	0	0	697
JUL	522	189	16	0	0	0	727
AUG	546	171	19	0	0	0	736
SEP	435	247	31	0	0	0	713
OCT	470	218	38	0	0	0	726
NOV	344	253	55	3	0	0	655
DEC	424	281	31	0	0	0	736
YEAR	5165	2936	363	9	0	0	8473

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
96.7	0	0.1	0.4	0.8	1.3	2.3	2.9	4.0	4.9	11	1.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 OON MILLS RD. NORTH YORK MONTH - JAN 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	3	3	3	3	3	2	3	3	1	1	1	1	1	1	1	1	1	1	1	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	-	-	-	1	1
3	1	1	1	1	1	1	1	2	2	2	1	1	1	3	1	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
S	2	2	2	2	2	2	2	3	3	3	****	2	2	2	2	2	3	3	2	2	3	3	****	3	2
6	3	3	3	3	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	2	2	2	2	2	2	3	4	S	4	3	2	2	****	4	1	2	2	1	1	1	1	1	1	2
9	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
10	2	1	2	1	1	1	1	2	3	2	1	1	1	****	1	1	2	2	2	2	2	2	****	1	2
11	1	2	2	2	2	2	2	4	6	B	4	2	2	2	1	2	2	2	3	-	-	4	S	6	3
12	6	6	S	4	3	3	3	4	4	3	1	1	1	1	1	1	2	2	-	-	S	6	6	6	3
13	4	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
14	1	1	2	2	1	1	2	1	2	1	1	2	2	2	2	1	2	2	2	2	2	1	2	1	2
15	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
16	3	3	3	3	3	3	3	3	4	4	3	****	3	****	****	****	3	3	4	5	S	S	S	S	4
17	S	S	4	4	2	2	2	2	2	2	2	2	2	2	3	3	4	6	6	4	3	2	2	2	3
1B	2	2	2	2	2	2	2	2	3	2	-	-	2	2	2	2	3	3	3	3	3	3	3	3	2
19	3	3	2	2	2	3	3	S	6	4	****	3	-	4	2	2	4	4	3	3	3	3	3	3	3
20	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3
21	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
22	3	3	3	3	3	-	3	4	4	4	3	3	3	3	3	3	3	****	3	3	3	3	3	4	3
23	3	3	3	3	3	3	4	4	4	4	****	****	****	1	2	2	2	2	2	2	2	2	2	2	3
24	2	1	2	1	1	2	2	2	2	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	3	2	2	1	2	2	1	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2
2B	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	3	2	2	2	2	2
30	2	2	2	2	2	3	3	3	3	3	2	****	3	1	1	1	1	-	1	1	1	2	2	2	2
31	2	1	1	1	1	2	1	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	3	2	2	2	2	3	2	2.3

PERCENTAGE OF OATA VALIO - 96.2 PERCENTAGE OF OATA INVALIO - 2.0 PERCENTAGE OF OATA UNAVAILABLE - 1.7

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCE5 BRANCH

POLLUTANT - CARBON MONOXIOE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 OON MILLS RO. NORTH YORK MONTH - FEB 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	1	2	2	2	2	****	2	2	****	2	2	2	2	2	3	2	2	2	3	3	2	2
3	4	4	4	3	3	3	3	4	S	S	4	4	3	3	3	3	3	3	3	3	3	4	4	4	4
4	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3
S	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	-	3	3	3	3	3	3	3	3
6	3	3	3	3	3	3	4	S	7	7	S	4	3	4	4	****	1	2	1	1	1	2	2	2	3
7	2	1	1	1	1	2	2	3	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	1	2	3	****	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2
9	1	1	1	1	1	1	1	2	3	2	2	2	2	2	****	1	1	2	3	4	4	2	2	2	2
10	2	2	2	2	1	2	2	2	3	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	S	5	6	3
12	6	6	S	S	S	S	S	7	B	S	4	3	3	2	2	3	3	4	3	3	3	3	3	2	4
13	2	2	2	2	2	2	3	3	3	3	3	2	****	1	1	1	1	2	****	2	1	1	2	2	2
14	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	3	2	2	2	2	2
15	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	3	-	2	3	3	2	2	2
16	2	2	2	2	2	2	3	3	3	3	2	3	3	3	2	3	3	3	3	3	3	-	3	3	3
17	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3
18	4	S	S	4	4	4	4	4	4	4	4	4	3	4	3	4	4	4	4	4	-	4	4	****	4
19	****	****	****	4	4	4	4	6	7	7	6	4	4	4	4	4	S	S	S	S	S	S	S	S	5
20	5	5	S	4	4	4	4	5	S	S	S	****	****	7	2	2	2	3	2	2	2	2	3	3	4
21	2	2	2	2	2	2	3	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2
23	2	2	2	2	2	2	2	3	2	2	2	2	3	3	****	4	S	4	3	3	3	2	2	3	3
24	3	3	3	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2S	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2
26	2	2	2	2	2	2	2	3	3	3	2	2	****	1	1	2	3	****	2	2	2	2	2	1	2
27	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
2B	2	2	2	2	2	2	3	S	S	S	4	3	4	3	3	3	3	4	4	S	S	6	6	S	4
MEAN	2	2	2	2	2	2	3	3	4	3	.3	2	2	2	2	2	2	3	3	3	3	3	3	3	2.6

PERCENTAGE OF OATA VALIO - 97.0 PERCENTAGE OF OATA INVALIO - 2.4 PERCENTAGE OF OATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	3	2	3	2
2	3	2	2	2	2	2	2	3	3	2	3	3	3	3	****	2	2	-	****	2	2	1	1	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
4	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	4	4	2
5	3	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	4	3	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
7	-	****	2	2	2	2	3	5	5	3	2	2	2	2	1	****	1	2	2	2	3	3	4	4	3
8	4	4	3	3	2	2	2	4	4	2	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2
9	3	3	2	2	2	2	3	4	6	6	3	2	2	2	1	2	2	2	2	2	2	2	2	2	3
10	2	2	2	2	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	2
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	****	1	1	1	1	1	1	1	1	-	2	2
13	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	2	2	2	2	2	2	2	2	2	****	****	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	-	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
17	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	2	1	2	2	2	2	2	2	3	2
18	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	3	3	4	5	5	5	6	3
20	6	6	5	5	5	4	4	5	4	3	3	2	2	3	3	4	4	-	****	4	4	****	5	5	4
21	5	5	5	4	4	4	4	5	5	4	2	2	****	1	1	1	2	2	2	3	4	4	5	6	3
22	7	7	7	7	7	6	5	4	4	4	4	4	3	2	2	2	2	2	2	3	4	4	2	4	4
23	4	4	3	2	2	2	2	3	2	2	2	2	2	1	1	2	3	4	3	1	1	1	1	2	2
24	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	1	1	1	2	3	3	3	3	2
25	2	1	1	1	2	2	1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	3	2	2	1	****	1	1	1	1	1	1	1	1	1	1	1	2
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	3	5	6	3	3	3	2	2	****	1	1	2	2	2	3	3	2	1	2
30	1	1	1	1	1	1	1	2	-	2	2	3	3	3	2	2	2	3	2	2	3	2	2	2	2
31	2	1	1	1	2	1	2	1	2	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	1
MEAN	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	3	3	3	3	****	3	3	****	****	2	2	2	1	1	1	1	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	1
4	3	2	2	2	2	2	2	3	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2
5	2	2	1	1	2	****	2	2	-	-	2	2	2	****	****	****	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
8	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	1	****	4	1	1	1	2	2	1	2	2	3	2	3	2
10	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	2	3	3	1
11	3	3	2	2	2	2	2	3	2	2	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3	3	3	3	3	3	3	3	4	4	3
15	4	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
16	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	****	3	3	****	3	3	3	3
17	3	3	3	3	3	3	3	4	4	3	3	****	3	-	-	1	1	2	1	1	****	1	1	1	2
18	1	1	1	1	1	1	1	1	1	1	1	****	-	-	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	2	2	1	1	****	4	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	2	3	4	3	2	2	2	2	2	2	2	2	3	3	4	4	4	5	2
21	5	6	6	7	6	7	7	5	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	4
22	2	3	3	3	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	3	4	4	3	4	2
23	3	3	3	3	3	3	3	3	4	3	2	****	3	1	1	1	1	1	1	1	2	3	3	3	2
24	3	4	4	4	3	3	3	3	3	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2
25	2	2	2	1	1	****	1	2	2	2	2	2	2	1	1	2	2	2	2	2	3	2	2	2	2
26	2	2	2	2	2	2	2	2	2	1	1	****	1	1	2	2	3	3	2	2	2	2	1	2	2
27	1	1	2	1	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
29	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	2
30	3	3	2	2	2	3	4	3	3	3	****	2	1	1	1	1	1	1	1	1	1	1	1	1	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 96.7 PERCENTAGE OF DATA INVALID - 2.5 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RO. NORTH YORK MONTH - MAY 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	1
2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	2	2	2	2	2	2	2	2	2	2	****	1	1	2	2	3	S	S	3	2	2	1	1	1	2
4	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	-	2	2	2	2	2	2	2	2
S	2	1	1	1	1	2	2	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
B	1	1	1	1	1	1	2	3	4	2	2	2	1	1	1	2	2	2	2	3	3	3	2	2	2
9	2	2	2	2	2	2	3	4	2	2	2	1	1	1	1	2	2	2	1	1	2	1	1	2	2
10	2	2	2	2	2	2	3	4	3	2	****	2	1	1	1	2	2	2	3	3	2	2	2	3	2
11	3	2	2	1	1	1	2	3	3	2	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2
12	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	2
14	4	3	3	2	2	2	3	3	3	3	1	****	1	1	1	1	1	1	1	1	2	2	2	2	2
1S	1	1	1	1	1	1	1	2	2	1	1	2	2	1	1	2	2	1	1	1	2	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	1
17	-	2	2	****	2	2	3	3	3	****	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	3	2
19	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
20	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	4	2
21	****	3	3	3	3	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	3	3	3	3	1	****	0	0	1	1	1	1	1	1	1	1	1	1	****	2
23	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
2S	1	1	1	1	-	****	2	2	2	****	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
27	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1
28	1	1	2	2	2	2	3	3	2	2	****	1	1	1	1	1	1	1	1	1	1	2	1	2	2
29	2	2	2	2	1	2	2	2	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2
30	2	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2	2	2	2	3	4	4	4	2
31	4	4	4	4	4	S	6	6	4	2	1	1	1	1	1	1	1	1	2	2	3	4	3	4	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF OATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - JUN 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	2	2	2	1	1	1	1	****	-	-	1	1	1	1	1	2	2	3	3	3	2
2	3	4	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	3	3	2
3	1	2	2	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	2	2	2	3	4	3	2
4	3	2	2	3	3	2	3	3	3	2	****	6	1	0	0	0	1	1	1	0	1	1	1	0	2
S	0	0	0	0	0	0	1	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	1	0	0
6	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	2	1	1	1	1	1	****	****	1	1	1	1	1	1	2	2	1	1
B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
9	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	****	0	0	1	1	1	1	-	-	1	1	2	2	2	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	2	2	1	1
13	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	1
14	3	3	4	4	****	3	****	****	2	1	****	1	1	1	1	1	1	1	1	1	1	2	2	2	2
1S	1	2	2	1	1	1	3	2	2	2	****	****	2	2	2	2	2	2	1	2	2	2	2	1	2
16	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
17	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	1	****	S	0	1	1	1	2	2	2	1	1	3	3	3	2
19	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
20	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
21	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
22	1	1	1	1	1	1	1	2	2	****	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	****	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
2S	2	2	2	2	2	2	2	2	2	2	****	0	0	0	1	1	-	1	1	1	1	2	2	2	1
26	2	3	3	3	3	3	3	3	1	1	1	1	1	1	****	1	1	1	1	1	2	2	2	2	2
27	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1
28	2	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	2	1
29	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	-	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1.3

PERCENTAGE OF DATA VALIO - 96.1 PERCENTAGE OF OATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	2	1	1	1	****	1	1	****	****	0	0	0	0	1	0	0	1	1	1
4	1	1	1	1	1	1	1	2	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	****	****	****	0	0	0	0	0	1	1	1	1	1	1
6	2	1	1	1	1	1	2	2	1	1	0	0	0	1	1	1	1	1	1	0	1	2	2	2	1
7	2	2	2	2	2	2	2	1	2	2	2	2	1	1	1	1	1	1	1	2	2	1	1	2	2
8	2	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	2
9	3	3	3	3	3	3	4	2	2	2	2	2	1	4	1	1	1	2	2	2	2	3	3	3	2
10	2	2	2	2	2	2	2	2	2	2	2	-	2	2	2	2	2	2	3	3	2	2	3	3	2
11	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	4	3
12	4	4	4	4	4	4	4	4	4	2	****	1	1	1	1	1	1	1	1	1	1	1	2	2	2
13	2	2	2	2	2	2	3	3	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
14	3	3	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2
15	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	2	2	1
16	2	2	2	2	2	2	2	2	2	2	5	4	1	1	1	1	1	1	0	1	1	1	1	1	2
17	0	0	0	0	1	1	2	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1
19	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	3	3	3	3	3	2	3	3	3	3	3	****	2	2	2	2	2	2	2	2	2	3	3	3	3
21	****	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
22	3	3	3	3	3	3	-	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
23	****	3	3	3	3	3	3	4	4	4	3	3	2	2	3	2	3	2	2	2	2	2	2	2	3
24	2	2	2	2	2	2	2	2	2	2	2	2	2	****	1	1	1	1	1	1	2	1	1	1	2
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
26	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2
27	1	2	1	2	1	2	2	2	2	2	2	2	2	-	2	2	2	2	2	2	2	3	4	4	2
28	3	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
29	3	2	3	3	3	3	2	2	2	2	2	2	3	3	3	3	4	3	3	3	4	4	4	4	3
30	4	4	4	4	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
31	3	3	2	2	2	3	3	4	4	3	3	3	3	3	3	3	3	4	4	4	3	3	4	3	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	4	3	3	3	****	1	1	1	1	1	1	1	1	1	1	1	1	1	2
2	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
3	2	2	2	2	2	2	3	3	2	2	2	1	1	1	1	1	2	1	1	2	2	2	2	2	2
4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
5	3	3	2	2	2	2	2	2	2	1	1	2	1	1	2	2	2	2	2	2	3	3	3	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	4	4	3	3	2
7	3	3	3	3	3	3	4	3	3	3	3	3	****	1	1	1	1	2	1	1	1	1	1	1	2
8	1	1	1	1	1	1	2	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2
9	2	2	2	2	2	2	2	2	1	1	1	2	1	****	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	2	1	****	1	1	1	1	1	2	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	1
13	3	4	4	4	4	4	4	5	5	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
14	2	2	2	2	2	2	3	3	2	2	2	****	1	1	1	1	1	1	-	1	1	1	1	1	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	2	1
16	2	2	2	1	1	2	2	3	2	1	0	****	1	1	1	1	1	1	1	1	2	3	2	3	2
17	3	2	2	2	2	2	2	3	3	2	2	2	1	1	1	1	1	1	1	2	2	2	2	1	2
18	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	2
19	3	3	3	3	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	2
20	3	3	3	3	3	2	3	3	3	2	2	2	2	4	1	1	1	1	1	1	2	2	2	2	2
21	2	2	2	2	2	2	3	4	2	1	1	1	0	0	1	1	1	1	1	2	3	3	4	4	2
22	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
23	1	1	1	1	1	1	2	2	2	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
25	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2	2	1
26	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2
27	2	2	2	2	2	2	2	2	3	3	3	2	2	****	****	1	1	1	1	1	2	2	1	1	2
28	2	2	2	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1	2	2	1	1	1	1	2	2	2	1
30	2	2	2	2	2	2	3	2	1	1	****	1	1	0	0	0	1	1	1	1	1	1	1	2	1
31	2	1	1	1	1	1	3	2	1	1	0	0	0	0	0	1	1	1	1	1	1	1	2	2	1
MEAN	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
3	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
4	2	2	2	2	2	2	3	3	2	2	****	1	0	0	0	0	1	1	1	1	1	2	2	2	1
5	2	2	2	2	2	1	2	2	1	1	0	1	0	1	1	1	1	1	1	2	1	1	1	2	1
6	1	1	1	1	1	1	2	2	2	1	****	****	3	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	1	2	3	1
9	3	3	3	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	2	2	****	1	1	2	1	1	1	1	1	2	1	2
11	2	1	1	1	1	1	3	4	2	1	1	1	1	1	1	-	2	2	2	3	4	4	4	4	2
12	4	4	4	2	2	2	3	2	1	1	2	1	1	1	1	2	2	2	2	2	2	1	1	1	2
13	2	2	2	2	2	2	3	2	2	2	2	2	2	****	1	1	1	2	2	2	1	1	1	1	2
14	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
15	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2
17	2	2	2	2	3	3	3	4	4	3	3	3	3	2	3	3	3	3	3	3	3	3	3	2	3
18	3	2	3	3	3	3	3	3	3	3	1	****	0	0	0	0	0	0	0	****	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	2	2	0
20	2	2	2	2	2	2	2	5	5	1	0	****	0	0	1	1	1	1	1	1	1	1	1	1	2
21	1	2	2	1	1	1	2	2	2	1	1	1	1	0	1	1	1	1	1	1	****	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	4	2
24	4	4	3	3	3	3	4	6	4	1	1	1	1	****	****	0	1	1	1	1	1	2	2	2	2
25	2	2	2	2	2	2	3	2	2	1	1	1	1	0	0	1	1	1	1	1	1	2	2	2	1
26	2	1	1	0	0	1	1	2	1	1	1	0	0	1	1	1	1	2	2	3	3	3	4	4	2
27	4	3	3	3	3	3	4	5	5	3	2	2	1	****	3	0	1	1	2	3	3	3	3	3	3
28	3	3	3	3	3	3	4	3	1	1	0	0	0	1	1	1	1	1	1	2	1	1	1	1	2
29	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	-	3	1
30	3	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	3	1	1	1	1
MEAN	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 97.9 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	3	2	2	****	1	1	1	1	1	0	1	1	2	2	2	1	1	1
2	1	1	1	1	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
3	1	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	1	1
4	1	1	1	1	1	1	2	2	2	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	-	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1
9	1	1	1	1	1	2	2	2	2	2	-	****	0	1	1	1	1	1	2	2	2	-	2	2	1
10	2	2	-	2	2	****	3	5	6	2	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2
11	2	2	2	2	2	2	3	5	5	4	3	1	1	****	****	0	0	0	0	0	0	0	0	0	2
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	-	1	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	1	1	1	0
17	1	1	1	0	0	0	2	-	-	3	3	2	3	3	4	4	4	4	5	5	5	5	5	5	3
18	5	4	0	0	0	0	1	2	0	0	0	0	****	0	0	0	0	0	0	1	1	2	2	2	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	-	-	2	1	1	0	1	0	0	0
20	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	0
22	1	1	1	0	0	1	2	4	2	2	1	0	****	****	0	0	1	1	0	1	0	1	1	0	1
23	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	0
24	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	-	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	2	1	****	1	0	0	-	0	0	0	0	0	0	0	0	0	1	1
27	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	****	1	1	1	0	0	1	1	1	1
30	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0
31	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	0	0	0	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD, NORTH YORK MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	1	2	2	1	1	1	0	1	1	1	2	4	4	2	0	0	0	0	1
2	0	0	0	0	0	0	1	1	2	1	2	1	1	1	1	2	2	2	2	2	2	2	1	2	1
3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	-	2
4	2	2	2	2	2	2	1	2	2	2	1	1	2	1	1	2	2	2	2	2	3	4	3	4	2
5	4	4	4	5	5	5	5	6	7	2	2	8	0	0	1	1	2	1	1	1	1	2	2	3	3
6	3	3	3	3	3	3	3	4	6	7	4	1	2	2	2	2	3	3	2	2	3	3	3	2	3
7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	-	****	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	2	2	1
9	2	2	2	2	2	2	2	4	7	7	1	1	1	1	1	1	1	1	1	-	1	1	1	1	2
10	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	-	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	2	1	1	2	1
12	2	1	1	-	1	1	1	2	2	1	1	1	1	1	2	1	2	2	2	3	4	5	5	6	2
13	5	5	5	4	2	1	2	3	4	2	2	****	0	0	0	0	0	1	2	2	2	0	0	0	2
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
15	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	0	0	0	0	0
16	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	3	0
18	4	5	6	6	6	6	5	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
19	0	0	0	0	0	0	0	1	1	0	0	6	1	1	1	1	1	2	2	1	1	1	1	2	1
20	2	1	1	1	1	1	1	2	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1
22	1	1	1	1	1	1	2	3	4	2	2	2	2	1	1	-	1	1	1	1	0	0	0	1	1
23	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	2	2	2	3	4	5	4	5	5	2
24	4	4	3	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	2	1
25	3	3	3	3	3	3	3	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
26	1	1	1	1	1	1	1	2	2	1	1	****	0	0	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	1	1	0	****	0	0	0	0	-	****	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0
MEAN	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD, NORTH YORK MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	****	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	2	2	1
3	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	0	****	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	1	2	2	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	1	2	2	0	0	0	0	****	0	1	1	0	0	1	1	1	0	0
11	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	1	1	1	1	1	0	1	1	1	1	1	0	1	1	****	1	0	1	2	2	2	1	0	0	1
14	0	0	0	0	0	0	0	0	1	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	1	2	2	1	1	0	0	****	6	1	1	1	1	0	0	0	0	1
18	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	2	1	1	1	1	1	1	0	1
19	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	3	3	4	5	5	6	6	7	2
21	7	7	8	8	7	6	7	7	8	9	3	1	1	1	0	****	2	1	1	2	2	2	2	1	4
22	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	1	2	1	2	1	1
23	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
24	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	0	0	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0
31	1	1	1	1	1	1	1	2	4	2	1	1	0	0	0	1	1	1	1	2	2	4	3	-	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.3	4	8
FEB	28	2.6	5	8
MAR	31	2.0	4	7
APR	30	2.0	4	7
MAY	31	1.8	3	6
JUN	30	1.3	2	6
JUL	31	1.9	3	5
AUG	31	1.6	3	5
SEP	30	1.6	3	6
OCT	31	0.8	3	6
NOV	30	1.2	3	8
DEC	31	0.7	4	9
YEAR	365	1.6	5	9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	126	536	54	0	0	0	716
FEB	67	470	115	0	0	0	652
MAR	229	429	68	0	0	0	726
APR	223	445	28	0	0	0	696
MAY	266	436	27	0	0	0	729
JUN	491	193	8	0	0	0	692
JUL	293	397	39	0	0	0	729
AUG	380	337	17	0	0	0	734
SEP	391	289	25	0	0	0	705
OCT	627	74	18	0	0	0	719
NOV	509	144	50	0	0	0	703
DEC	666	49	18	1	0	0	734
YEAR	4268	3799	467	1	0	0	8535

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
97.4	0	0.0	0.5	1.0	1.6	2.6	3.1	4.1	4.9	9	1.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	-	-	-	2	2
3	1	1	1	1	1	1	2	2	2	2	1	****	1	1	2	2	3	2	2	2	2	1	1	1	2
4	1	1	1	1	1	1	2	2	3	2	2	2	1	1	1	2	2	3	2	2	2	2	2	1	2
5	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	3	3	2	2	2	3	****	3	2
6	2	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2
7	2	2	2	2	1	2	2	2	3	2	3	3	3	3	2	3	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	3	4	5	3	2	****	****	****	1	1	2	3	2	2	2	2	2	2	2
9	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
10	2	2	2	2	1	2	2	3	3	2	2	2	2	****	1	1	2	2	2	2	2	2	****	1	2
11	1	1	1	1	1	2	3	10	10	5	3	2	1	1	1	1	2	3	3	-	-	5	5	4	3
12	3	2	2	2	2	2	2	4	6	4	3	****	3	3	3	5	6	7	-	-	7	6	5	4	4
13	3	3	2	2	2	2	2	3	4	4	4	3	3	3	3	3	3	3	3	3	3	2	2	3	3
14	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2
15	2	2	2	2	2	2	2	3	3	2	2	3	2	2	2	3	3	3	3	3	2	2	2	2	2
16	2	2	2	2	2	2	3	3	4	3	2	2	2	2	2	2	3	4	4	4	4	4	4	6	3
17	6	5	4	3	3	3	5	5	5	4	3	4	4	4	3	3	5	7	8	4	3	3	3	3	4
18	2	2	2	2	2	2	2	3	3	2	-	-	2	2	****	1	2	3	2	2	2	2	2	2	2
19	2	1	1	1	1	2	2	4	6	5	4	4	-	4	4	4	5	5	3	3	3	3	2	2	3
20	2	2	2	2	2	2	2	2	3	4	3	3	3	4	4	4	4	3	3	3	3	2	2	3	3
21	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	-	3	3	4	3	2	2	2	2	2	2	2	****	2	2	2	2	3	3	2
23	2	2	2	2	2	2	3	4	5	4	4	3	3	3	****	****	4	4	3	3	3	3	3	3	3
24	3	2	2	2	2	2	4	4	4	-	****	****	1	2	2	2	2	2	2	1	1	1	1	1	2
25	1	1	1	1	1	1	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
26	0	1	0	0	0	0	1	1	1	0	1	1	1	1	****	2	2	2	2	2	1	2	2	1	1
27	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1
28	1	1	0	0	0	****	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	1	1	0	0	0	****	****	****	2	2	-	2	2	2	2	2	2	1
31	2	2	2	2	2	2	2	1	2	1	1	1	2	2	2	2	2	3	2	2	2	2	2	2	2
MEAN	2	2	2	2	1	2	2	3	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 95.6 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	1	2	2	****	2	2	1	2	****	****	****	****	****	****	****	****	****	****	****	******
3												-	DATA	INVALID	-										
4												-	DATA	INVALID	-										
5												-	DATA	INVALID	-										
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	4	5	4	4	3	3	3	3	3	******
7	3	2	2	2	2	3	4	6	5	4	3	3	3	3	3	3	4	4	4	4	3	3	2	3	3
8	2	2	3	2	2	2	2	3	****	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2
9	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	2	2	3	3	3	3	2	2	3	2
10	3	2	2	2	2	3	3	3	3	4	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2
11	2	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	3	4	5	5	5	6	2
12	3	3	3	3	3	3	4	6	6	5	4	3	3	2	3	2	3	3	3	3	2	2	2	2	3
13	2	2	2	1	1	1	2	2	2	2	2	1	1	1	1	2	2	2	****	2	2	1	2	2	2
14	1	1	1	1	1	1	2	4	5	4	3	2	2	3	3	3	5	5	4	4	3	2	2	2	3
15	2	2	2	1	2	2	3	4	5	4	3	3	3	3	3	3	4	4	-	3	2	2	2	2	3
16	2	2	2	1	1	2	2	2	3	2	2	1	1	1	2	2	2	2	2	2	2	-	1	2	2
17	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	3	3	3	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	3	2	2	2	3	3	3	3	3	3	3	-	3	4	****	3
19	****	3	****	3	3	3	5	6	8	7	4	3	2	2	2	2	3	3	3	4	3	4	3	3	4
20	3	3	3	3	3	3	4	6	6	5	4	4	4	4	****	****	5	6	5	-	3	4	5	4	4
21	4	3	3	3	3	3	6	8	11	7	5	5	4	4	4	3	3	3	3	3	2	2	2	2	4
22	2	2	2	2	2	2	3	3	3	3	3	3	2	2	3	4	6	6	5	5	5	4	3	3	3
23	3	2	2	2	2	2	3	4	3	2	4	****	5	7	7	8	9	6	5	5	4	5	5	6	4
24	5	4	3	3	3	2	3	3	3	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	3
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	1	1	1	2	2	2	2	3	2	2	2	2	2	6	2	2	****	2	2	1	1	1	1	2
27	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
28	2	2	3	2	2	2	5	8	8	6	3	2	3	4	4	5	6	6	6	6	6	7	8	8	5
MEAN	2	2	2	2	2	2	3	4	4	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2.7

PERCENTAGE OF DATA VALID - 83.5 PERCENTAGE OF DATA INVALID - 15.8 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	2	2	2	2	3	4	4	3	3	3	3	3	3	3	5	5	5	5	3	3	3	2	3
2	2	2	2	2	2	2	2	4	4	3	3	****	2	2	3	4	3	-	****	5	4	4	3	3	3
3	3	2	2	2	2	2	2	3	3	3	3	3	3	4	3	3	4	4	5	5	4	3	3	3	3
4	3	3	3	3	2	2	2	2	2	3	3	3	3	5	4	3	3	3	3	4	5	6	5	5	3
5	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2
6	2	2	2	2	2	2	5	7	7	5	4	3	3	3	3	3	4	3	3	2	2	2	2	2	3
7	-	****	2	2	2	3	4	10	5	4	3	****	****	3	3	2	3	2	3	5	5	4	4	4	4
8	3	3	2	2	2	2	2	4	4	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2
9	2	2	2	2	2	3	5	7	7	6	3	****	3	3	3	4	5	4	4	4	4	3	3	3	4
10	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	****	****	****	****	****	****	****	2
11													- DATA INVALID -												
12													- DATA INVALID -												
13	****	****	****	****	****	****	****	****	****	****	****	3	3	3	3	4	5	3	2	2	2	2	2	2	******
14	2	2	2	2	2	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	2	2	2	2	1
16	2	2	1	1	1	-	1	2	2	1	1	****	1	2	2	2	2	2	3	3	4	4	3	3	2
17	3	3	3	2	3	2	3	3	2	3	3	3	3	3	4	4	4	4	4	4	4	3	4	3	3
18	4	3	3	2	2	2	2	3	3	2	2	3	2	3	3	3	4	4	4	4	5	3	3	3	3
19	2	2	2	2	2	2	3	5	4	3	3	2	3	2	3	3	2	3	5	4	5	4	5	5	3
20	4	4	3	2	2	2	4	6	7	5	3	2	****	2	2	2	2	-	****	3	3	****	2	2	3
21	2	2	2	2	2	2	3	4	5	5	3	3	3	3	3	3	4	5	6	6	5	7	7	6	4
22	6	5	5	5	2	2	2	3	3	3	4	4	5	6	5	4	5	5	5	6	6	5	4	4	4
23	3	3	3	2	2	2	4	6	6	4	4	4	3	4	4	5	6	7	7	3	3	2	2	3	4
24	2	2	2	2	2	2	2	3	3	3	4	4	5	6	6	6	4	5	4	6	4	3	3	4	4
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	1	2	2	1	1	1	1	1	****	****	2	2	2	2	2	2	2	2	1
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	3	3	4	5	7	4	3	3	3	3	3	3	4	4	4	4	4	4	4	3	3	4
29	3	3	3	3	3	3	5	7	8	6	4	3	3	3	3	3	4	4	4	4	6	6	5	4	4
30	4	3	3	3	3	3	4	6	-	7	****	6	8	8	6	6	7	7	6	7	8	8	5	4	6
31	4	3	3	4	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
MEAN	3	2	2	2	2	2	3	4	4	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3.0

PERCENTAGE OF DATA VALID - 88.7 PERCENTAGE OF DATA INVALID - 10.6 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2	2	2	2	2	2	3	4	5	7	7	7	****	5	4	4	4	6	6	3	3	3	2	2	2	4
3	2	2	2	2	1	1	2	2	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	4	6	5	4	3	3	3	3	3	9	4	3	2	2	2	2	2	2	3
5	2	2	2	2	2	****	3	3	-	-	2	2	2	2	2	2	3	4	4	4	3	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2
9	2	2	2	2	2	2	3	4	4	2	2	2	2	2	2	****	2	3	3	2	3	4	4	2	3
10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	.3	3	2
11	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	4	4	5	4	4	3	2	3	3	3
12	2	2	2	1	1	1	2	3	3	3	3	3	3	3	3	3	4	4	4	3	3	2	2	2	3
13	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	3	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	5	5	5	4	4	3	4	3	3
15	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	3	3	3	2	2	3	3	3	3	3	****	3	3	****	2	2	2	2
17	2	2	2	2	2	2	3	3	3	3	3	2	2	-	-	6	2	3	2	2	****	2	2	2	2
18	2	2	2	2	2	2	2	3	2	2	2	****	-	-	2	2	2	2	3	2	2	2	2	2	2
19	2	2	2	2	2	2	2	3	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	3	3	3	3	2	2	4	4	4	4	4	5	5	5	5	5	5	5	3
21	5	4	5	7	6	6	6	4	4	3	3	3	3	3	3	4	4	4	4	4	5	5	4	4	4
22	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	6	5	3	4	4
23	3	4	3	3	3	3	6	6	5	5	4	3	4	4	****	4	5	5	5	5	5	5	5	6	4
24	6	5	4	3	3	3	4	5	7	6	4	4	3	3	4	4	5	6	5	5	4	4	4	S	4
25	4	4	4	3	3	****	4	5	6	5	5	5	4	4	****	4	6	7	7	7	S	4	4	4	5
26	3	4	3	2	2	2	3	5	5	4	4	3	3	3	4	4	7	9	7	4	4	4	3	3	4
27	3	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	3	3	3	4	4	5	5	4	4	5	5	6	5	4	3	3
29	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	4	3	3	2	3
30	2	2	2	2	3	S	7	6	5	4	5	5	5	****	3	4	3	1	1	2	2	3	3	2	3
MEAN	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	2.9

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C ND 34DD7 BATHURST/WILSON, NORTH YORK MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
2	1	2	2	2	2	3	4	2	2	2	3	3	3	3	3	3	4	3	3	3	3	2	2	1	3
3	1	1	1	1	1	2	4	4	3	3	4	3	4	****	6	7	8	5	3	2	2	1	1	1	3
4	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	-	2	2	2	1	1	1	1	2
5	1	1	1	1	1	1	2	2	1	1	1	1	2	3	3	3	3	3	3	2	1	2	2	1	2
6	2	2	2	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2
7	2	1	2	2	2	3	4	4	3	3	3	3	3	****	3	3	3	3	3	2	3	2	2	2	3
8	2	2	2	2	2	4	6	7	6	4	4	4	3	3	4	5	6	4	5	5	5	5	3	3	4
9	2	2	2	2	3	5	7	7	5	4	4	4	2	2	3	3	2	3	3	3	2	3	3	3	3
10	2	2	3	3	2	3	7	6	4	3	3	4	3	3	4	5	5	4	4	5	4	4	3	2	4
11	3	3	4	3	2	4	6	6	5	4	4	4	****	4	5	6	6	5	4	4	4	3	4	4	4
12	3	4	3	2	2	2	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
14	2	2	2	2	3	4	5	6	3	4	3	3	3	****	3	4	3	3	3	3	4	4	3	3	3
15	3	3	3	2	2	3	3	4	3	3	4	4	4	4	3	4	4	3	3	4	3	2	2	2	3
16	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
17	-	3	2	****	3	5	5	5	5	4	4	3	3	****	3	4	3	4	4	4	4	4	4	3	4
18	3	3	3	3	3	3	6	6	5	4	4	4	4	4	4	5	5	4	4	5	4	4	4	4	4
19	4	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3
20	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	4	4	4	4	3
21	****	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	3	3	3	3	3	3	****	2	3	4	4	3	3	3	3	3	3	****	3
23	2	2	2	2	2	3	3	3	3	2	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3
24	3	2	2	2	2	2	3	3	3	2	2	3	3	****	2	4	4	4	3	3	3	3	2	2	3
25	2	2	2	2	-	****	2	3	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	3	2
26	3	2	2	2	2	3	4	4	4	4	4	4	3	3	3	3	3	3	4	4	3	4	3	3	3
27	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3
28	4	3	3	3	3	4	5	5	4	3	3	4	3	****	4	5	4	4	3	3	3	3	4	3	4
29	4	4	4	4	4	4	4	4	3	3	2	3	3	4	3	4	5	3	3	2	3	3	4	3	3
30	3	3	3	2	3	3	3	3	3	3	2	2	2	2	3	4	4	4	4	4	4	5	5	6	3
31	7	7	6	6	6	9	10	8	6	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	5
MEAN	3	2	2	2	2	3	4	4	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3.0

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C ND 34DD7 BATHURST/WILSON, NORTH YORK MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	3	5	5	5	3	3	4	****	-	-	4	5	4	4	4	5	5	4	5	4	4
2	4	4	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	5	3	2	3
3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	3	3	3	3	3	4	4	3	3
4	4	5	3	2	3	5	5	5	5	4	4	4	3	3	3	4	4	4	2	5	3	2	2	2	4
5	2	2	2	2	2	3	3	2	2	2	2	-	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	3	4	5	4	3	3	3	3	3	****	3	4	4	3	3	3	3	3	3	3	3
7	2	2	2	2	2	4	5	6	5	4	4	3	4	4	5	5	5	4	4	4	4	4	4	4	4
8	3	3	3	3	3	4	5	5	4	4	4	3	4	3	4	5	6	3	3	3	5	4	3	4	4
9	6	3	4	4	3	3	3	3	4	3	3	3	3	3	3	3	4	4	3	3	3	3	3	4	3
10	4	4	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
11	2	2	2	2	2	2	2	2	2	2	2	2	2	6	2	2	2	-	-	2	2	2	2	2	2
12	1	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	****	2	2	3	2	2	2
13	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	6	6	2
14	4	4	4	3	****	3	****	****	5	4	3	3	****	****	3	3	4	3	4	4	5	5	4	4	4
15	3	3	2	2	2	4	5	4	3	3	****	****	2	2	3	3	3	3	3	3	3	2	2	2	3
16	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	3	4	4	4	4	3	3	3	3	3
17	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	2	2	2	2	3
18	2	2	2	2	2	2	3	3	3	2	****	2	3	2	5	3	3	3	2	2	4	3	3	2	3
19	2	2	2	2	2	2	3	5	4	3	3	3	3	3	3	4	4	3	3	3	4	4	4	4	3
20	4	3	3	3	3	4	5	4	4	4	4	3	3	****	3	4	4	4	3	3	3	3	4	3	4
21	2	2	2	2	2	4	6	6	5	4	4	4	3	4	4	5	5	4	4	4	4	4	3	3	4
22	2	2	2	2	2	4	5	4	4	5	3	2	2	2	2	2	-	2	2	2	2	2	2	2	3
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
24	2	2	****	2	2	2	2	****	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	2	2
25	2	2	2	2	2	3	3	3	3	2	2	3	3	9	3	3	-	3	3	3	3	3	5	4	3
26	3	4	4	3	3	3	5	5	4	3	2	3	3	3	****	4	4	3	3	4	5	4	4	3	4
27	3	2	2	2	2	3	4	4	3	3	2	3	2	4	4	4	5	3	3	3	2	2	2	3	3
28	2	2	2	2	2	3	3	3	2	2	****	3	4	4	4	4	4	4	4	4	5	4	4	4	3
29	4	4	3	2	3	4	5	6	5	4	4	4	4	4	5	6	6	4	4	4	4	3	3	-	4
30	2	2	2	2	2	3	3	3	3	4	3	4	3	3	3	-	3	3	4	4	3	3	3	3	3
MEAN	3	3	2	2	2	3	4	4	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3.0

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	3	3	4	3	3	2	2	3	3	3	3	3	3	4	3	3
2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	2	2	2	2	2	2	2	2	2	****	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	****	****	2	2	2	2	2	2	2	2	3	2	2	2	2
6	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	3	2	3	3	3	4	3	2	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3
8	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	5	5	4	4	3
9	3	4	4	4	3	5	6	6	5	5	****	4	4	4	4	4	5	5	5	4	5	5	4	4	4
10	3	3	2	2	2	4	6	6	5	5	5	-	4	4	4	5	5	5	5	5	5	4	4	3	4
11	3	3	2	2	3	3	3	3	3	3	3	4	5	6	6	6	7	6	5	4	4	5	5	5	4
12	5	4	3	3	3	3	4	4	3	3	2	2	****	2	5	5	5	4	4	4	4	4	5	5	4
13	4	4	3	3	2	3	3	6	5	4	4	4	4	4	5	5	5	4	6	5	6	6	6	7	5
14	7	6	4	3	3	3	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4
15	4	4	4	4	3	3	3	3	3	3	3	4	3	3	3	3	3	4	4	5	6	4	3	3	4
16	3	3	3	3	3	3	4	3	3	2	2	2	3	4	5	4	2	2	2	2	2	2	2	2	3
17	2	2	2	2	2	2	3	-	3	2	1	2	2	2	3	4	4	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
19	2	2	2	2	2	3	4	3	3	2	2	2	2	3	3	3	4	3	3	3	4	4	4	4	3
20	3	2	2	2	2	3	3	3	4	5	4	4	****	****	3	3	3	3	3	4	4	3	4	4	3
21	****	3	3	3	3	3	4	3	3	3	4	3	3	3	3	3	3	3	3	3	4	3	3	3	3
22	3	3	2	2	2	2	-	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	3	2	2
23	****	2	2	2	2	3	4	4	5	5	4	4	3	****	3	4	4	3	3	3	3	2	2	2	3
24	1	1	1	1	2	3	5	4	3	3	3	3	2	3	3	3	3	2	2	2	2	2	2	1	2
25	1	1	2	1	1	3	3	4	3	3	2	2	2	3	4	4	4	4	3	3	3	3	3	2	3
26	2	2	2	2	2	2	4	4	2	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	2
27	1	1	1	1	1	2	2	2	2	2	2	****	3	-	3	4	3	3	3	3	4	5	4	3	3
28	3	2	2	2	2	3	3	3	3	3	2	3	2	2	1	2	2	1	1	2	1	1	1	2	2
29	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	2	2	2
30	2	2	1	1	1	3	4	6	3	3	3	2	2	2	3	3	4	3	3	3	2	2	3	2	3
31	1	1	1	2	2	3	5	5	3	4	3	4	3	4	4	5	2	2	1	1	1	1	1	0	2
MEAN	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.8

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	3	2	2	2	1	1	1	1	1
2	0	0	0	0	0	1	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0
3	0	0	0	0	0	1	1	3	2	2	2	1	1	1	2	2	1	0	0	0	1	1	1	1	1
4	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
7	0	0	0	0	1	2	3	2	1	1	1	1	****	1	1	2	3	1	0	0	0	0	0	0	1
8	****	0	0	0	0	0	1	0	0	0	****	****	2	2	2	2	2	2	2	2	2	2	2	2	1
9	2	2	2	2	2	4	5	4	3	3	3	3	3	****	3	4	4	4	3	3	3	3	3	3	3
10	2	2	2	2	2	3	5	5	5	3	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	5	5	4	3
13	4	4	3	2	3	4	5	9	4	4	3	4	3	3	3	4	5	3	2	2	2	2	2	2	3
14	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	-	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	3	3	3	2	2	2	2	2	****	6	4	5	4	4	5	6	6	4	3	3
17	3	3	3	3	3	4	6	5	4	4	5	4	3	3	4	5	5	5	5	4	4	4	3	3	4
18	3	3	3	3	3	3	4	4	4	5	5	5	6	5	5	5	5	6	6	6	5	5	4	4	4
19	5	4	4	3	3	3	3	3	3	3	3	3	4	3	3	4	4	4	4	4	5	4	3	3	4
20	3	3	3	3	3	4	6	4	4	3	4	5	5	5	5	5	5	5	6	6	6	6	6	5	5
21	4	4	4	4	4	5	5	5	****	2	2	2	4	4	4	4	5	3	4	4	5	4	3	3	4
22	3	2	2	2	2	4	5	5	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3
23	3	2	2	2	3	4	6	6	5	5	5	5	5	****	4	5	5	4	5	5	5	4	4	4	4
24	2	1	1	1	1	3	4	4	3	2	2	2	2	2	2	3	4	2	2	2	3	2	2	2	2
25	1	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	1	1	1
27	1	1	1	1	1	1	2	2	3	2	****	3	4	3	4	4	4	3	3	3	3	3	3	3	3
28	3	4	4	3	3	5	7	7	5	4	4	4	4	4	4	5	5	5	4	4	4	3	3	3	4
29	2	2	2	2	2	4	5	5	4	4	4	4	4	4	4	5	3	2	2	3	3	3	3	3	3
30	3	3	3	2	3	5	6	5	4	3	3	2	2	****	2	2	2	2	2	3	3	2	2	2	3
31	2	2	2	2	3	3	4	4	4	3	4	4	4	4	4	5	5	5	4	4	4	4	4	4	4
MEAN	2	2	2	2	2	2	3	3	3	2	2	2	3	2	3	3	3	3	3	3	3	3	2	2	2.4

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	5	5	6	4	4	3	4	4	4	3	3	3	4	4	4	4	4	4	3	3	4
2	3	3	2	2	2	2	2	3	3	3	3	3	4	4	4	3	4	3	4	3	3	2	3	3	3
3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	3	3	4	4	4	3	3	4	****	4	5	6	5	4	5	5	4	4	5	4
5	4	4	4	3	2	3	6	6	4	4	4	3	4	4	4	5	7	6	4	4	5	4	3	3	4
6	3	2	2	2	2	3	5	4	3	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	3	3	2	2	2	3	2	3	2	3	3	3	3	3	3	2	2	3	2
8	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3	2
9	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	5	4	4	4
10	4	4	4	4	4	5	6	6	4	4	****	3	3	3	3	3	3	2	2	2	2	3	3	3	3
11	2	2	2	2	3	4	6	5	3	3	2	2	2	2	4	-	5	5	5	6	7	6	6	6	4
12	6	4	4	4	4	6	9	7	5	4	4	4	4	****	4	5	6	5	5	4	4	4	4	3	5
13	3	3	3	3	4	5	8	6	4	4	4	4	4	4	5	6	6	6	6	5	4	4	3	3	4
14	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3
16	4	3	3	3	3	3	4	4	4	3	3	3	4	4	4	3	3	3	4	4	4	4	4	3	4
17	3	3	3	3	3	4	6	7	5	4	3	3	3	3	4	5	5	4	4	4	4	3	3	3	4
18	3	3	3	3	4	6	8	6	4	4	4	4	4	****	****	2	2	2	2	****	2	2	2	2	3
19	2	2	2	2	2	3	3	3	3	3	3	3	3	4	3	3	3	****	4	4	4	4	4	4	3
20	4	4	4	5	5	6	11	10	7	5	4	4	4	4	****	4	****	4	4	4	3	4	4	4	5
21	4	4	4	4	4	6	7	7	6	4	3	3	3	3	3	3	3	3	3	3	****	3	3	3	4
22	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	6	7	7	7	5	4
24	4	3	3	3	4	5	8	9	6	4	6	3	3	3	3	4	5	4	4	4	4	4	4	4	4
25	4	4	4	4	5	5	6	6	5	4	4	4	3	3	4	3	2	2	2	2	3	3	3	3	4
26	2	2	2	2	2	2	4	4	2	2	2	2	****	2	2	2	2	3	4	4	5	5	5	5	3
27	4	3	3	4	4	5	7	10	8	5	4	4	4	3	4	4	5	4	5	5	6	6	5	4	5
28	4	4	3	2	2	4	6	6	5	4	4	4	4	5	5	6	6	6	7	7	5	4	4	3	5
29	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	5	5	5	5	5	4
30	5	4	3	3	3	3	4	4	3	3	3	4	4	3	3	3	3	4	3	5	3	2	2	2	3
MEAN	3	3	3	3	3	4	5	5	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3	3.6

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	3	3	2	2	3	2	****	10	6	5	5	5	5	5	4	3	3	4
2	3	2	2	2	2	2	3	4	4	4	4	4	4	4	5	6	6	4	4	4	3	3	2	2	3
3	2	2	2	2	2	4	5	6	5	5	5	5	4	4	4	3	3	3	3	2	2	3	3	2	3
4	2	2	2	2	2	4	6	7	5	4	5	4	3	****	****	3	3	3	3	3	3	3	3	3	3
5	2	2	2	2	2	****	4	4	4	3	3	3	3	2	2	3	4	3	3	2	2	2	2	2	3
6	2	2	2	2	2	2	2	3	3	2	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	-	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	3	5	5	3	3	3	2	2
9	2	2	2	2	2	2	3	3	3	2	-	****	2	2	2	2	2	2	4	3	3	3	4	4	3
10	3	3	-	3	4	****	9	9	7	4	4	4	4	4	4	5	5	3	3	3	3	3	3	3	4
11	3	3	3	3	3	4	5	5	4	5	4	3	4	4	****	4	4	4	4	4	4	3	2	2	4
12	2	2	2	2	3	4	5	5	3	****	3	3	2	3	3	3	5	6	4	3	2	2	2	2	3
13	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	3	3	3	3	2	2	2	3	3	2
14	3	3	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2
15	2	1	1	0	0	0	0	-	0	****	****	****	****	****	2	2	2	2	2	2	2	2	1	1	1
16	1	1	1	1	1	2	5	5	2	2	2	-	2	2	2	3	3	3	3	2	2	2	2	2	2
17	2	1	1	0	1	3	5	-	-	7	5	5	6	6	6	7	6	6	6	6	7	5	2	4	4
18	2	1	0	0	1	1	2	3	3	2	****	4	4	4	4	5	5	5	6	6	6	5	5	4	3
19	4	3	3	2	3	4	5	6	5	4	5	5	5	6	7	-	-	6	6	5	4	4	3	4	5
20	4	4	3	3	3	4	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4
21	4	4	3	3	3	3	3	3	4	4	3	3	4	4	4	5	6	6	5	5	5	6	7	6	4
22	4	4	3	3	3	5	8	10	7	5	4	3	3	3	5	3	4	4	3	2	3	3	3	2	4
23	1	1	1	1	1	2	4	5	4	2	1	2	2	2	1	2	2	2	2	2	2	2	2	1	2
24	1	1	1	1	1	1	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	-	1	0	1
25	0	0	0	0	0	1	1	1	1	0	0	0	0	****	1	2	2	2	2	2	2	2	2	2	1
26	2	2	2	2	2	2	3	3	2	2	2	2	2	-	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	3	4	3	3	2	3	3	4	4	4	3	4	3	3	2	3	3	3	3
28	3	3	2	2	2	2	2	3	3	3	3	2	2	2	3	2	3	3	3	2	2	2	2	2	2
29	2	2	2	2	2	2	2	3	3	2	2	****	2	2	2	2	2	3	3	2	2	2	2	3	2
30	2	1	1	1	1	1	2	4	3	2	2	1	1	1	1	1	2	3	3	1	0	****	****	****	2
31	****	****	****	****	****	****	****	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
MEAN	2	2	2	2	2	2	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.9

PERCENTAGE OF DATA VALID - 93.0 PERCENTAGE OF DATA INVALID - 5.5 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA INVALID -																								
2	****	****	****	****	****	****	****	****	****	****	****	****	2	1	2	2	4	3	3	3	3	2	2	2	******
3	2	2	2	3	3	3	4	4	4	4	2	2	3	3	2	3	3	3	3	3	2	2	3	-	3
4	2	3	2	3	2	2	2	3	2	2	2	2	2	2	3	3	4	4	4	5	6	5	5	6	3
5	5	6	5	4	5	6	8	10	10	6	4	4	5	5	****	18	5	5	3	2	2	2	5	5	6
6	3	3	2	3	2	2	3	7	9	8	5	7	5	4	4	6	6	6	6	5	4	4	2	2	5
7	1	1	1	1	1	1	2	3	3	2	2	2	2	1	2	1	2	3	2	2	2	2	2	2	2
8	3	3	3	2	1	-	****	4	4	3	3	3	3	3	4	3	4	4	4	5	4	4	2	3	3
9	4	4	5	4	5	7	7	8	12	11	7	****	4	3	4	6	5	5	5	-	2	2	2	3	5
10	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2
11	2	2	-	2	2	2	3	3	4	4	3	3	-	3	2	2	2	3	3	3	3	3	3	3	3
12	3	2	2	-	3	2	3	4	4	4	3	3	3	3	4	6	7	7	6	7	9	8	7	6	5
13	5	5	5	4	3	3	4	5	6	5	4	4	4	4	****	1	2	5	5	4	2	2	2	2	4
14	2	2	2	2	2	2	2	4	4	2	2	2	2	2	2	2	3	4	3	3	2	3	3	3	3
15	3	3	3	2	2	3	5	8	7	6	5	4	4	****	4	3	4	4	4	3	3	2	2	2	4
16	2	2	2	2	2	2	3	5	4	3	3	3	3	3	3	3	5	6	4	4	4	3	3	3	3
17	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	7	8	10	12	9	5
18	10	9	8	6	5	5	5	7	7	6	6	5	5	5	5	6	6	6	6	5	5	5	5	5	6
19	4	4	4	4	4	4	6	8	8	7	6	7	6	7	****	5	5	6	5	3	3	3	3	3	5
20	2	2	1	2	2	2	4	6	5	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
21	1	1	1	1	1	2	3	5	6	4	3	3	3	****	3	3	3	-	2	2	2	2	2	2	3
22	2	2	2	2	2	2	3	6	7	5	5	5	4	5	5	6	6	6	5	4	4	4	4	4	4
23	3	3	3	3	3	3	4	6	7	6	5	5	5	5	5	6	8	9	5	5	7	8	7	7	5
24	7	7	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	5	5	5	4	****	4	4	4
25	5	5	6	7	6	6	3	6	6	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	5
26	4	4	4	4	4	4	5	8	8	6	5	5	5	4	****	9	2	2	1	1	1	1	1	1	4
27	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	3	4	3	3	3	3	3	2	2
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	3	3	2	2	2	2	2	****	5	-	****	2	2	1	1	1	1	2
30	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	3	3	3	3	3	3	4	5	5	4	4	3	3	3	3	4	4	4	4	4	3	3	3	3	3.5

PERCENTAGE OF DATA VALID - 92.4 PERCENTAGE OF DATA INVALID - 6.5 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	****	3	3	3	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	3	3	4	3	4	3
3	3	3	3	3	3	3	4	6	6	4	3	****	2	2	2	2	****	5	4	3	2	1	1	1	3
4	1	1	1	1	1	2	2	3	3	3	2	1	1	2	1	2	2	3	2	2	2	2	2	3	2
5	2	2	2	2	2	2	3	5	5	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
6	2	2	2	2	2	3	4	6	5	5	3	****	3	3	3	3	4	4	3	3	3	3	3	3	3
7	3	3	3	3	3	3	5	8	8	5	4	3	3	4	4	5	6	6	4	3	3	3	3	2	4
8	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	****	3	3	3	3	3	3
9	3	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4
10	3	4	3	4	4	4	5	7	10	9	6	****	3	3	3	3	5	5	3	3	3	4	3	2	4
11	2	2	2	2	1	2	2	3	3	3	3	2	3	3	3	3	4	4	3	3	3	2	2	2	3
12	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	3	4	5	4	3	****	3	3	3	4	3	4	5	5	4	4	2	2	3
14	2	2	2	3	3	3	3	5	5	3	3	3	3	****	3	3	3	3	3	3	3	3	3	3	3
15	3	4	4	3	3	3	4	5	6	4	4	4	4	4	4	4	5	5	6	5	5	4	4	3	4
16	3	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17	4	4	4	4	4	4	4	5	6	6	6	****	1	1	1	1	2	2	2	2	1	1	1	1	3
18	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	4	4	4	4	3	3	3	3	2
19	2	2	2	2	2	2	3	4	5	5	3	3	3	****	****	3	3	2	2	2	2	2	2	2	3
20	2	2	2	2	2	2	2	4	5	4	3	4	4	4	4	5	7	9	9	6	6	6	9	10	5
21	12	9	8	4	3	4	13	15	13	13	6	5	4	4	5	6	7	6	6	6	5	5	3	3	7
22	3	3	3	3	3	3	3	3	4	4	5	5	5	5	6	6	6	5	6	6	5	4	5	5	4
23	4	4	4	3	3	3	3	4	4	5	5	5	5	5	6	6	5	4	4	5	4	5	6	6	5
24	6	4	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	5
25	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	4
26	3	3	3	3	3	3	3	3	3	4	3	3	3	4	3	4	4	3	3	3	3	3	3	3	3
27	3	3	3	3	3	3	3	4	5	5	****	****	1	1	1	1	2	1	1	1	1	1	1	1	2
28	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
29	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
30	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	1
31	3	3	4	3	4	3	3	4	5	4	4	3	3	3	3	3	4	5	6	6	5	5	5	-	4
MEAN	3	3	3	3	3	3	3	4	5	4	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3.2

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.1	4	10
FEB	23	2.7	5	11
MAR	28	3.0	6	10
APR	30	2.9	5	9
MAY	31	3.0	5	10
JUN	30	3.0	4	9
JUL	31	2.8	5	7
AUG	31	2.4	5	9
SEP	30	3.6	5	11
OCT	30	2.9	5	10
NOV	28	3.5	6	18
DEC	31	3.2	7	15
YEAR	354	2.9	7	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	182	461	66	2	0	0	711
FEB	90	365	104	2	0	0	561
MAR	55	421	183	1	0	0	660
APR	13	513	173	2	0	0	701
MAY	39	477	211	2	0	0	729
JUN	1	495	198	1	0	0	695
JUL	59	487	182	0	0	0	728
AUG	202	338	191	1	0	0	732
SEP	0	402	301	5	0	0	708
OCT	77	432	179	4	0	0	692
NOV	47	343	261	13	1	0	665
DEC	94	372	252	11	1	0	730
YEAR	859	5106	2301	44	2	0	8312

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
94.9	0	1.0	1.6	2.2	2.9	4.3	5.1	6.1	7.0	18	2.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	1	1	1	0	0	1	****	0	0	0	0	0	0	-	-	-	0	0
3	0	0	0	0	1	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1
4	1	0	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	1
5	0	0	0	0	0	0	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	****	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	2	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	2	2	1	****	1	1
11	1	1	1	1	1	1	2	4	5	4	2	1	1	1	1	1	1	3	4	-	-	4	3	3	2
12	4	2	2	2	2	2	2	4	5	5	3	1	1	5	****	2	2	3	-	-	6	7	8	7	4
13	5	4	3	2	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
14	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	1	0	0	1
15	0	1	0	1	1	1	1	1	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	3	2	1	1	2	3	3	1
17	4	2	2	3	3	2	1	2	2	1	1	4	7	2	2	3	5	4	3	1	1	1	1	1	2
18	1	1	1	1	1	1	1	1	2	1	-	-	1	1	1	1	1	2	1	2	1	1	2	2	1
19	2	2	1	1	1	1	2	4	4	5	4	4	-	4	4	2	2	2	3	2	3	3	2	2	3
20	2	2	2	1	1	1	1	2	2	2	2	2	2	3	3	3	3	2	3	2	2	2	2	2	2
21	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	-	1	1	1	1	1	1	1	****	0	0	0	****	0	0	0	0	1	0	1
23	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	0	0	1	1	2	2	-	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
25	0	0	0	0	0	0	0	1	2	1	1	1	1	****	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	1	1	0	0	1	****	0	0	1	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	-	1	2	1	1	1	0	1
31	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	****	1	1	1	1	1	2	2	2	2
3	3	3	3	2	2	3	2	2	3	3	3	2	1	1	1	1	1	2	1	1	2	2	2	2	2
4	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	0	-	1	1	1	0	0	0	0	1
6	0	0	0	0	1	1	2	4	6	5	4	3	1	1	1	1	1	1	2	2	2	2	2	3	2
7	4	4	3	3	3	3	3	3	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2
8	1	1	1	1	1	1	1	1	****	1	1	1	1	****	0	0	0	1	1	0	1	1	0	0	1
9	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	1	1
10	1	1	1	1	1	1	1	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	4	4	3	2
12	3	2	2	2	2	2	2	3	4	4	3	3	3	****	2	2	2	2	2	1	1	1	1	1	2
13	1	1	1	1	0	1	1	1	1	1	1	1	1	****	1	1	1	1	****	1	1	1	1	1	1
14	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	3	2	2	2	2	2	2	1	2
15	1	1	1	1	1	1	1	2	3	2	2	1	1	1	1	1	2	1	-	1	1	1	1	1	1
16	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
18	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	-	2	2	****	2
19	***	1	****	2	2	2	2	3	4	3	3	2	2	****	****	1	1	1	1	2	1	1	1	1	2
20	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	3	2	1	1	1	2	3	1
21	3	2	1	2	2	2	3	4	6	2	2	2	1	1	1	0	1	1	1	1	1	1	1	1	2
22	1	1	1	1	1	1	1	1	1	1	1	1	1	****	****	2	2	2	3	2	2	1	1	1	1
23	1	1	1	1	1	1	1	2	1	1	2	2	2	2	3	4	5	4	4	2	3	1	1	1	2
24	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	****	2	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	2	1	1	1	1	1	****	1	1	1	1	1	1	1	0	1	1
28	1	1	1	1	1	1	1	2	3	4	2	1	1	2	2	2	3	4	6	8	7	7	7	7	3
MEAN	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1	1.S

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCRESTROAD, ETOBICOKE MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	4	2	2	1	1	1	2	2	2	1	1	1	****	5	2	2	2	3	3	3	3	1	1	2
2	1	1	0	0	0	0	0	1	4	1	2	1	1	1	0	1	1	-	****	2	2	2	1	2	1
3	2	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	3	2	3	2	1	1	1	1	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	1	1	1
5	1	1	1	0	0	0	1	1	1	0	0	0	0	****	1	1	1	1	1	2	2	1	1	2	1
6	1	1	1	1	1	1	2	2	2	3	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1
7	-	****	1	1	1	1	2	5	7	4	2	1	1	1	1	2	2	3	3	3	3	5	5	6	3
8	6	3	2	1	1	1	2	4	3	2	2	1	1	****	1	1	2	2	2	1	1	1	1	1	2
9	1	1	1	1	1	1	2	4	5	4	2	3	2	2	2	2	3	3	2	3	3	3	2	2	2
10	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	2	2	2	2	2	1
12	2	1	2	2	1	1	2	2	2	2	1	1	2	****	1	2	2	2	2	2	2	2	-	4	2
13	3	3	2	2	2	2	2	3	3	2	2	2	2	****	1	1	1	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
15	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	-	1	1	1	1	1	1	1	3	3	1	1	1	1	1	2	1	1	3	1
17	3	2	1	1	1	1	1	2	2	1	1	1	1	2	2	2	2	2	2	2	4	3	2	4	2
18	4	4	3	2	1	1	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2
19	1	1	1	1	2	2	3	3	2	1	1	1	1	1	1	1	2	2	2	2	3	2	3	5	2
20	3	2	2	1	1	1	2	3	3	2	1	1	1	1	2	2	2	-	****	3	3	****	2	2	2
21	1	1	1	1	1	1	2	3	6	4	3	2	2	2	1	2	2	2	2	2	4	3	5	5	2
22	3	2	2	2	1	1	2	3	2	3	3	3	3	****	3	2	2	3	3	4	3	5	4	4	3
23	6	5	4	3	2	2	3	5	6	5	3	2	2	****	1	2	3	6	4	2	1	1	1	1	3
24	1	1	1	1	0	0	0	0	0	1	1	1	2	3	4	3	1	2	4	3	3	1	1	1	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	0
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1
28	2	2	1	1	1	1	2	3	2	1	1	1	1	2	2	2	2	3	3	3	2	2	2	2	2
29	2	2	2	2	2	2	1	2	2	2	1	1	2	1	2	2	2	2	3	3	4	4	3	2	2
30	2	2	1	1	1	1	2	3	-	5	6	5	6	4	3	3	4	3	4	9	10	10	5	3	4
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	1	1	1	1	1	2	2	2	2	1	1	2	2	1	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	3	4	5	4	****	3	2	2	3	2	1	1	1	1	1	2	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	8	0	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
5	1	1	1	1	1	****	1	1	-	-	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
6	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1
8	2	2	2	1	1	1	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
9	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2
10	2	1	1	1	1	2	2	2	2	2	2	2	2	****	****	0	0	1	1	1	1	1	1	1	1
11	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	2	2	2	2	2	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	2	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	****	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	1	1	2	2	2	2	2	2	1	1
18	1	1	1	1	1	1	1	2	1	1	1	****	-	-	****	0	1	1	1	1	1	1	1	1	1
19	1	0	0	0	0	1	1	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	3	3	2	1	2	****	1	1	1	1	2	2	3	3	3	3	3	2
21	2	2	3	3	3	3	2	1	2	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2
22	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	2	2	1	1	1	1
23	1	1	1	1	1	1	2	1	2	2	2	1	1	1	1	1	1	2	2	3	3	2	1	1	1
24	1	1	1	1	1	1	1	2	5	5	4	2	2	****	****	2	2	2	2	2	1	1	1	2	2
25	2	2	2	2	1	****	1	2	3	3	4	3	2	2	2	2	3	4	2	3	2	2	3	2	2
26	2	3	2	1	1	1	1	2	2	1	1	1	1	1	1	1	2	3	2	2	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
30	1	2	1	1	1	2	4	3	2	2	3	3	2	2	2	2	1	1	1	2	2	2	1	1	2
MEAN	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1.4

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	2	3	3	2	2	1	1	1	1	1	1	2	3	3	3	3	1	2	2	2
3	1	1	1	1	1	1	2	3	3	2	2	3	3	3	3	4	5	3	1	1	1	1	1	1	2
4	1	1	1	1	1	1	1	1	1	1	2	1	****	1	1	0	-	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	0
6	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	2	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
8	****	****	****	****	****	****	****	****	****	3	3	3	****	2	2	2	3	3	4	5	3	3	3	3	******
9	2	2	1	1	2	3	5	7	4	2	1	0	1	0	1	1	1	1	1	1	1	1	1	2	2
10	1	1	1	1	2	2	3	3	1	1	2	2	2	2	2	2	3	3	4	3	2	2	2	2	2
11	2	2	1	1	1	1	3	4	3	3	2	2	2	2	2	2	3	2	2	3	2	3	2	3	2
12	2	2	2	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
14	2	2	1	1	2	2	2	2	2	2	2	-	2	2	2	2	2	2	2	2	3	2	3	2	2
15	2	2	1	1	1	2	2	2	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
16	1	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1
17	-	1	1	****	1	2	4	3	3	2	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2
18	1	1	2	2	2	2	3	4	3	2	2	2	****	3	2	2	2	2	2	2	3	3	3	4	2
19	4	4	3	2	2	3	3	2	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	2
20	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	2
21	****	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
22	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	****	2
23	2	2	2	2	2	3	3	3	3	3	3	3	****	****	1	1	1	1	1	2	2	1	0	0	2
24	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	1
25	0	0	0	0	-	****	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
26	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	1
28	2	2	1	1	1	1	1	2	1	1	1	2	1	1	1	2	2	2	2	2	2	1	1	1	1
29	1	1	1	1	1	1	2	3	2	1	1	1	****	1	1	1	1	1	0	0	1	1	1	2	1
30	2	2	1	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	2	2	2	3	1
31	2	2	1	1	1	1	3	3	3	1	1	1	****	0	0	0	0	0	0	1	2	2	2	3	1
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	1.4

PERCENTAGE OF DATA VALID - 94.6 PERCENTAGE OF DATA INVALID - 4.8 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	1	1	2	1	1	1	1	****	-	-	1	1	1	1	1	1	1	2	2	3	1
2	2	2	1	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1
3	1	0	0	1	0	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	-	****	0	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	1	1	1	0	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1
7	0	1	1	0	0	1	1	3	3	2	1	1	1	1	1	1	1	2	2	2	1	2	2	2	1
8	3	3	1	1	1	2	2	2	2	1	0	****	1	0	0	0	0	0	0	0	1	1	1	1	1
9	2	2	2	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	1
11	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0	-	-	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	4	0	0	1	0	1	****	1	1	1	1	1	1
13	0	1	0	1	1	1	1	1	1	****	****	****	****	****	****	****	0	0	1	0	1	2	2	2	1
14	2	1	1	1	****	1	****	****	****	****	****	****	****	0	0	0	1	1	1	1	1	1	2	1	1
15	1	1	0	1	1	1	1	1	1	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	1	****	0	0	0	0	0	1	1	1	1	1	0	0	0	0
19	0	0	0	0	0	0	2	3	1	0	0	0	****	0	0	0	0	0	0	1	1	1	1	1	0
20	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
21	1	1	1	0	1	1	2	4	2	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1
22	1	1	0	1	1	1	1	1	1	1	0	0	****	1	0	1	-	1	1	1	1	0	0	1	1
23	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	****	0	1	1	1	****	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	-	1	1	1	2	2	2	2	1
26	2	2	2	1	2	2	4	5	3	2	1	2	6	1	****	2	2	2	1	1	2	1	1	1	2
27	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
28	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	3	2
29	3	2	3	2	2	2	3	5	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	-	3
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	-	2	2	2	2	2	2	2	2	2
MEAN	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 95.0 PERCENTAGE OF DATA INVALID - 3.8 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	1	1	2	1	2	2	2	2	2	2	2
3	1	1	1	1	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	3	3	2	2	2	****	****	0	0	0	0	0	0	0	1	0	0	0	1
5	0	0	0	0	0	0	1	1	0	1	0	****	0	0	0	0	0	1	0	1	1	1	1	1	0
6	1	1	1	1	1	1	2	2	1	0	0	0	****	0	0	1	1	0	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	3	1
9	3	2	2	1	1	2	3	3	3	2	2	1	2	1	1	2	2	2	2	2	3	2	3	2	2
10	1	1	1	1	1	1	2	2	2	2	3	-	1	0	1	2	1	1	1	1	1	0	1	1	1
11	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	2	2	2	1	1
12	1	1	2	1	1	1	2	2	1	1	0	0	0	1	1	1	1	1	1	2	2	3	3	3	1
13	2	1	1	1	1	1	3	4	3	2	1	1	1	1	1	1	1	1	1	2	3	3	3	3	2
14	3	2	2	2	1	1	2	2	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	2	1
15	2	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	2	6	3	2	1	2	2
16	2	1	1	1	1	2	2	2	1	1	1	1	1	2	1	0	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	-	0	0	0	0	****	****	****	0	0	0	****	****	****	****	****	****	******
18	****	****	****	****	****	****	0	0	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	******
19	0	****	0	0	0	0	1	1	0	****	****	****	****	0	0	0	0	0	0	0	0	1	1	0	0
20	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	****	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
23	****	0	0	0	0	0	1	1	2	2	1	0	0	0	****	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	****	-	1	1	1	1	1	2	3	2	2	2	1
28	2	2	1	1	1	2	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	3	2	2	2	1
30	1	1	1	1	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1
31	1	1	1	1	1	2	2	3	2	2	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 94.8 PERCENTAGE OF DATA INVALID - 4.7 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	2	2	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
7	1	1	1	1	1	2	3	3	2	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	2	1	1	2	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	2	3	2	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	2	1
10	1	1	1	1	1	1	2	2	3	2	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	1
13	2	2	1	1	2	2	3	4	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
14	1	1	1	1	1	1	2	2	1	1	1	1	2	1	1	1	1	1	-	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	7	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
17	1	1	1	1	1	1	3	3	2	2	2	1	1	1	****	1	1	1	2	2	1	2	1	1	1
18	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	4	3	3	3	2
19	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1
20	1	1	1	1	1	1	2	2	2	2	3	3	1	1	1	1	1	1	2	2	3	3	3	3	2
21	2	2	1	1	1	2	3	4	3	2	2	4	5	1	1	1	1	1	1	2	2	1	1	1	2
22	1	1	1	0	1	2	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	2	2	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2
24	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
27	2	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
28													- DATA INVALID -												
29	****	****	****	****	****	****	****	****	****	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	******
30	2	2	2	2	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	3	4	3	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 90.7 PERCENTAGE OF DATA INVALID - 9.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	2	1
5	2	2	2	2	2	2	3	3	3	1	1	2	3	1	2	2	2	2	2	2	2	3	3	2	2
6	2	2	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
9	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
10	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	2	3	3	2	2	1	1	6	1	1	-	1	1	2	3	2	2	3	3	2
12	3	3	2	1	2	2	5	6	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2
13	2	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1
19	1	1	1	1	1	1	1	1	2	1	1	1	1	****	0	0	0	****	1	1	1	1	1	1	1
20	1	1	1	1	1	1	3	2	3	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1
21	0	0	0	0	1	1	1	1	1	1	1	1	****	1	1	0	0	0	1	1	****	1	1	1	1
22	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
23	1	1	1	0	1	0	1	1	1	1	0	0	1	1	1	1	1	1	2	1	2	2	3	2	1
24	2	1	1	1	1	2	4	7	4	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
25	1	1	1	1	1	1	2	3	2	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	0	1	1	2	3	2	1	0	0	0	0	****	0	0	1	2	2	3	2	2	2	1
27	1	1	1	1	1	1	3	4	4	3	2	2	2	1	1	1	1	1	2	4	3	4	2	3	2
28	2	2	2	2	2	2	3	4	3	2	1	1	1	2	2	2	2	2	3	4	3	2	2	2	2
29	2	2	2	2	2	2	3	3	2	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	1	1	1	1	1	2
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	3	2	1	1	1	1	2	2	2	1	1	2	2	3	3	3	2	2
2	1	1	1	1	1	1	2	4	3	2	2	****	****	1	1	1	1	1	1	1	1	1	1	1	1
3	0	0	0	1	1	1	1	2	2	3	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
4	0	0	0	0	0	1	3	5	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
5	0	0	0	0	0	1	1	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	0	0	1
6	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0
8	1	-	0	0	0	0	1	1	0	0	-	0	0	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	-	****	1	1	1	0	1	1	1	1	1	1	1	1	1
10	1	1	-	1	1	****	3	6	4	3	3	1	****	1	1	1	1	1	1	1	2	2	2	2	2
11	5	1	1	1	1	1	2	4	2	2	3	2	1	1	****	1	2	2	1	1	1	1	1	1	2
12	1	1	1	1	1	1	1	2	1	1	1	1	1	****	1	1	1	2	2	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	2	-	2	****	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
16	2	1	1	1	1	1	3	3	2	2	1	-	****	1	1	1	2	2	2	2	2	2	3	3	2
17	2	2	2	1	1	2	2	-	-	4	5	5	4	4	4	4	3	4	6	6	3	4	5	3	3
18	2	1	1	1	1	1	2	3	3	1	1	1	1	1	1	1	2	2	2	3	2	3	3	2	2
19	1	1	1	1	1	1	1	2	1	1	1	1	1	****	2	-	-	3	3	2	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	2	2	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1
22	1	1	1	1	1	2	4	7	5	3	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2
23	1	1	1	1	1	1	1	3	2	1	1	1	****	1	0	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	-	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	2	2	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	1
30	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
31	1	1	1	1	1	1	1	3	3	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2
MEAN	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	2	2	4	4	3	2	2	2	2	3	4	5	3	3	2	1	1	1	1	2
2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	****	1	1	2	1	1	2	2	2	2	1
3	2	4	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	4	3	3	3	2
5	3	3	2	2	3	3	3	5	6	5	2	1	1	2	2	2	3	3	2	2	2	2	3	3	3
6	4	4	3	3	2	3	3	4	7	9	6	5	3	****	6	2	4	4	4	5	6	6	4	2	4
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	-	****	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
9	2	2	2	1	2	2	3	6	11	9	3	2	1	2	2	3	3	2	2	-	1	1	1	2	3
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	-	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	2	1	1	1	2	1
12	1	1	1	-	1	1	1	2	2	2	1	2	2	1	1	2	2	3	3	3	5	4	4	5	2
13	5	5	4	3	2	2	2	3	3	2	2	2	2	2	1	1	2	4	4	4	3	2	2	2	3
14	2	2	1	1	1	1	2	3	3	2	1	1	1	6	1	1	2	2	1	1	2	2	2	1	2
15	2	2	2	1	1	1	2	3	3	3	2	2	2	1	1	1	2	2	2	2	2	1	1	1	2
16	1	1	1	1	1	1	1	2	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2	3	3	2
18	3	3	4	4	2	2	2	2	3	4	4	2	2	2	2	2	2	2	2	2	2	2	2	1	2
19	1	1	1	1	1	1	1	2	3	2	2	3	3	2	3	3	3	2	3	3	3	2	3	2	2
20	2	2	2	2	2	2	2	2	2	1	1	1	****	1	1	1	2	2	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	-	2	2	2	2	2	2	1
22	2	2	1	1	1	1	3	4	5	4	4	2	1	1	2	3	3	3	2	2	1	1	1	1	2
23	1	1	1	1	1	1	2	3	3	3	2	2	2	2	-	2	4	6	3	2	5	5	4	4	3
24	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	2	2	1
25	5	4	4	3	3	3	2	4	5	4	3	2	2	2	1	1	1	2	1	1	1	1	1	1	2
26	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	3	****	1	1	1	1	1	1	1	1	1	2	1
28	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	****	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	1	1	1	2	2	3	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 97.5 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	****	2	2	2	2	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	1	2	2	2	1
3	1	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	****	2	2	2	1	1	1	1	1
4	1	1	1	1	1	1	1	2	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	2	4	2	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	6	4	2	2	2	2	2	2	2	2	1	2	2	2	2	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	****	2	2	2	2	2	2	2	2	2	2	1
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	3	3	4	3	3	3	3	3	3	3	4	4	3	3	3	2	2	3
14	3	2	2	2	2	2	2	3	3	2	2	2	3	****	****	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	1	2	1	1	2	2
17	2	2	2	2	2	2	2	3	5	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	2	2	2	2	****	1	1	2	3	3	2	2	2	1	1	2
19	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1
20	1	1	1	1	1	1	1	2	2	2	2	2	2	2	****	3	3	4	7	8	8	5	4	4	3
21	5	4	3	3	2	3	4	6	10	10	7	7	3	1	1	2	3	3	3	3	3	3	3	2	4
22	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
23	2	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	3	1
24	2	1	1	1	1	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	1	0	0	1	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	0	0	0	0	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2	1
31	2	1	2	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	2	1	2	2	-	1
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	1	2	1.5

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY ANO 2-HOURLY OATA FOR 1979

POLLUTANT - CARBON MONOXIOE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAO, ETOBICOKE

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM REAOING
JAN	31	1.1	4	8
FEB	28	1.5	3	8
MAR	31	1.7	4	10
APR	30	1.4	2	8
MAY	29	1.4	2	7
JUN	30	1.0	3	6
JUL	29	0.9	2	6
AUG	28	1.3	2	7
SEP	30	1.3	2	7
OCT	31	1.3	3	7
NOV	30	1.8	4	11
OEC	31	1.5	4	10
YEAR	358	1.3	4	11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREOUENCY OISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIOE UNITS - PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAO, ETOBICOKE

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	600	90	29	0	0	0	719
FEB	435	191	26	0	0	0	652
MAR	408	264	50	3	0	0	725
APR	485	205	10	0	0	0	700
MAY	432	257	15	0	0	0	704
JUN	545	133	6	0	0	0	684
JUL	527	176	2	0	0	0	705
AUG	533	134	8	0	0	0	675
SEP	529	168	12	0	0	0	709
OCT	560	139	21	0	0	0	720
NOV	403	241	55	3	0	0	702
OEC	432	277	21	2	0	0	732
YEAR	5889	2275	255	8	0	0	8427

FREQUENCY OISTRIBUTION BY PERCENTILES

PERCENT OF OATA VALIO	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY OISTRIBUTION, PERCENT									
96.2	0	0.0	0.3	0.7	1.0	2.0	2.7	3.6	4.6	11	1.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
2	1	1	1	1	1	1	1	2	2	2	****	4	2	2	2	2	2	2	2	1	1	1	1	1	2
3	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
4	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
5	1	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	3	2	2	1	1	1	1	1	1
6	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	****	1	2	2	2	2	2	2	1	1	1	1	1
8	1	1	0	1	0	0	1	3	3	2	2	2	2	2	2	2	3	3	2	1	1	1	1	1	2
9	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	3	2	1	1	1	1	1	1
10	1	1	1	1	1	1	1	3	2	2	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1
11	0	0	0	0	1	1	3	6	7	4	1	1	1	1	1	2	3	4	3	3	3	2	2	2	2
12	3	2	1	1	1	1	2	4	5	****	****	1	1	2	2	3	4	3	3	2	2	1	4	7	3
13	6	4	3	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
14	2	2	2	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	0	1	1	1	1	2	2	2	1	****	2	1	1	2	3	3	1	1	1	1	1	1	1
16	1	1	0	0	1	1	1	2	3	3	2	2	2	2	2	2	3	4	4	3	2	2	3	2	2
17	2	2	2	3	3	1	1	2	2	1	1	1	1	2	2	2	4	6	6	3	2	1	1	1	2
18	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1
19	2	2	1	1	1	1	2	4	7	7	****	7	5	4	3	2	2	2	3	3	3	1	1	1	3
20	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	2	3	3	3	3	2	2	2
21	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	2	2	3	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1
23	1	1	0	0	0	0	1	2	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	3	2	2	2	2	2	1	1	2
26	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2
27	2	2	2	2	2	2	2	2	2	3	2	****	3	2	3	3	4	3	3	3	3	2	2	2	2
28	2	2	2	1	1	1	1	1	1	0	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1
29	0	0	0	0	0	1	1	2	2	2	1	1	2	2	2	2	3	2	2	1	1	1	1	1	1
30	1	1	1	1	0	1	1	2	3	2	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1
31	1	1	1	1	1	1	1	3	2	2	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1.6

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	1	1	1	1	1	1	1	3	****	2	3	2	2	5	2	2	3	3	2	2	2	1	2	2	2
3	3	3	2	2	2	2	3	3	2	3	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2
4	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	-	3	3	2	2	2	1	2	2
6	1	2	2	1	1	1	2	3	4	4	4	3	1	2	2	3	3	3	2	3	1	3	4	4	2
7	4	3	4	4	1	1	2	5	3	4	2	3	3	2	2	2	3	2	2	2	2	2	2	2	3
8	1	1	1	1	1	1	2	4	****	2	2	2	2	2	1	1	4	1	1	0	0	1	0	2	1
9	****	****	****	****	****	****	****	1	1	1	1	1	0	0	0	0	0	1	4	0	3	3	0	0	1
10	2	2	0	0	1	0	3	0	2	3	1	3	2	2	3	3	2	2	2	3	3	3	3	3	2
11	3	4	2	2	2	3	0	2	1	2	1	1	1	****	2	2	1	3	4	2	5	4	2	1	2
12	5	5	5	5	2	3	5	5	5	5	4	3	3	3	6	6	6	6	6	6	6	6	6	6	5
13	6	6	6	6	7	6	7	5	7	6	****	****	5	5	5	6	6	7	****	6	6	6	6	6	6
14	5	4	4	5	5	5	7	9	9	8	9	10	6	6	10	10	10	8	6	6	4	4	7	6	7
15	6	5	3	3	5	5	4	6	6	5	4	4	4	5	4	3	4	3	-	3	3	3	3	3	4
16	3	3	3	3	3	3	3	4	4	3	3	****	****	2	2	0	1	1	0	0	0	-	1	0	2
17	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	-	2	2	****	0
19	0	2	****	2	0	2	0	6	2	4	3	****	1	0	2	3	3	4	1	1	1	1	1	2	2
20	0	0	****	1	****	1	1	3	3	2	2	0	0	0	0	0	1	1	0	0	0	0	0	0	1
21	0	1	2	0	0	0	1	1	1	0	0	1	0	0	3	0	2	1	0	0	0	0	0	0	1
22	0	1	0	2	1	0	2	1	0	0	0	****	****	2	2	2	2	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	2	2	3	3	3	3	2	2	2	2	1	1	1	1	1	1	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	2	2	2	2	2	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	1	2
27	2	2	2	1	1	1	1	3	2	1	3	3	3	4	4	5	5	5	4	3	2	1	2	2	3
28	2	1	1	1	2	2	2	2	2	2	3	3	4	3	3	3	3	3	3	3	3	2	3	3	2
MEAN	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 3.6 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1
2	1	2	2	1	1	1	1	0	1	1	2	2	2	2	2	1	1	1	1	2	4	2	2	1	2
3	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	1
4	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	2	2	2	2	1
5	2	3	2	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2
6	2	2	2	2	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	3	5	5	4	3	2	3	3	3	3	3	3	2	3	5	3
8	5	4	3	2	2	2	4	5	5	4	3	****	3	2	2	3	3	3	3	3	2	2	2	2	3
9	2	2	2	2	2	2	4	5	5	5	3	3	2	3	3	3	4	2	2	2	2	2	2	2	3
10	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	****	2	1	1	1	1	1	1	1	1	1	1	1
12	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1
13	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2	1	1	1	1	2	2	1
14	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	1	1	1	1	2
15	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
16	1	1	1	0	0	0	1	1	2	1	1	2	2	2	3	3	4	4	4	4	4	3	3	3	2
17	3	2	3	3	2	3	3	5	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	3
18	5	5	4	4	3	3	3	3	3	3	****	1	2	2	2	2	2	3	3	3	4	2	2	2	3
19	2	2	2	2	2	2	3	4	3	2	2	2	2	2	3	3	4	3	3	3	4	4	5	5	3
20	5	5	4	3	2	3	4	6	7	4	3	****	1	1	1	1	1	1	3	4	2	2	1	1	3
21	1	1	0	****	1	1	2	5	4	3	1	****	1	1	1	2	2	2	3	5	4	5	5	6	3
22	4	3	2	2	2	2	3	3	3	3	2	2	2	2	****	1	1	1	1	3	2	1	1	3	2
23	2	2	1	2	2	2	4	5	3	2	1	1	1	1	1	2	4	2	1	1	1	0	0	0	2
24	1	1	0	1	1	0	1	1	0	0	1	2	2	4	6	3	2	2	3	2	2	5	4	2	2
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
26	1	1	1	1	1	1	1	2	2	1	****	1	1	1	1	1	2	2	1	1	1	1	1	1	1
27	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1
28	1	1	1	1	1	1	2	2	1	1	1	1	2	2	6	1	2	2	2	1	1	1	1	1	2
29	1	1	1	1	1	2	6	4	3	2	2	3	1	1	1	2	3	3	2	2	2	2	2	2	2
30	2	1	1	1	1	1	2	3	-	4	2	2	2	3	2	4	6	4	2	5	5	3	1	2	3
31	1	1	1	2	1	1	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	****	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	2	3	4	3	3	****	4	2	1	2	3	3	1	1	1	1	1	1	2
3	1	1	1	1	1	1	1	2	2	****	****	0	0	0	0	0	1	1	1	1	1	1	2	1	1
4	2	1	1	1	0	0	2	3	2	1	1	1	1	1	1	1	1	****	0	0	0	0	1	1	1
5	1	1	1	1	1	****	2	3	-	-	2	2	2	2	2	2	2	3	2	2	2	2	1	1	2
6	1	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1
7	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	3	3	2	2	2	2	2	2	2	2	6	1	2	2	2	2	3	2	3	3	2	2	2	2	2
9	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2
10	2	2	1	1	1	1	2	2	3	****	4	1	2	2	2	2	3	3	3	3	2	2	2	2	2
11	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	3	2	2	2	2	1	2	2	3	3	3	3	2	2	2	2	2	2
13	2	2	2	1	1	1	1	1	1	****	2	2	2	2	3	2	2	3	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3	3	3	4	4	5	3	3
15	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2
16	2	2	2	2	2	2	3	4	3	3	3	2	3	****	1	2	2	****	2	2	****	1	1	2	2
17	2	2	2	1	2	2	2	3	2	2	2	2	2	-	-	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	2	2	****	-	-	1	1	1	1	1	1	0	0	0	0	1
19	0	0	0	0	0	1	1	2	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1
20	1	0	0	1	1	1	2	3	3	2	2	1	1	1	1	1	2	1	1	2	1	1	2	3	1
21	3	3	3	3	1	1	1	1	1	1	1	1	1	0	1	0	0	0	1	1	2	2	1	0	1
22	1	2	2	1	1	0	1	0	0	0	0	0	0	0	1	2	2	2	2	3	4	3	2	2	1
23	2	2	2	2	2	2	3	3	2	2	2	1	1	2	1	2	3	2	2	3	3	2	3	3	2
24	3	3	2	2	2	2	2	3	4	2	2	5	1	1	0	1	2	1	1	1	1	0	1	0	2
25	2	1	1	1	0	****	1	2	3	3	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
26	1	1	1	1	0	1	1	3	2	1	1	0	0	1	0	1	3	2	1	1	0	0	0	1	1
27	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0	1	1
28	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
29	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	1	2	2	2	0
30	2	2	1	1	2	3	3	3	2	2	****	****	2	2	2	2	2	2	2	2	2	2	2	1	2
MEAN	2	2	1	1	1	1	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	3	3	3	2	2	1	1	2	2	2	2	2	2	2	1	2	2	2	2
3	2	2	2	2	2	2	3	3	3	3	8	3	2	2	2	3	3	4	1	1	0	0	0	0	2
4	0	0	0	0	0	1	2	1	1	0	0	1	1	1	1	1	-	1	1	1	1	0	0	1	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
6	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	0	1	1	2	2	2	1	1	1	1	1	1	1	1	0	0	0	1	1	0	1	1	1
8	1	1	1	0	0	1	3	2	****	1	1	1	1	0	1	1	1	0	1	1	0	1	1	1	1
9	1	1	1	1	0	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
10	1	1	1	1	1	3	6	3	2	1	1	1	1	1	0	1	2	2	2	1	1	1	1	1	2
11	0	0	0	0	0	2	3	3	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1
12	1	1	1	1	1	1	1	2	1	1	0	0	1	1	1	0	0	1	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
14	0	0	0	0	0	1	2	2	1	1	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2
15	2	2	2	2	2	2	3	4	3	3	3	2	2	****	2	3	3	2	3	2	2	2	2	2	2
16	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2
17	-	2	2	****	3	4	4	4	3	2	2	2	2	1	2	2	2	1	2	2	2	2	2	2	2
18	2	2	2	2	3	4	5	3	2	2	2	2	****	****	2	2	2	1	1	2	2	3	3	3	2
19	2	2	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	2	2	2
20	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	3	4	4	2
21	****	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
22	1	1	1	1	2	2	2	3	****	1	1	1	1	1	2	2	1	1	1	1	2	2	1	****	1
23	1	1	1	1	1	2	3	3	2	1	1	1	1	2	1	2	3	2	3	3	2	2	3	3	2
24	2	2	2	2	2	3	3	4	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	2	2
25	2	2	2	2	-	****	3	3	3	****	2	1	1	1	1	2	2	1	1	1	1	1	1	0	2
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	1	1	0	0	1	1	1	1	0	0	0	0	0	1	1	0	0	1	1	1	0	0	0	0
29	0	1	1	0	1	1	2	3	2	1	****	****	2	1	1	2	2	1	1	1	2	1	2	2	1
30	2	2	1	1	1	2	2	3	2	2	1	2	1	1	1	2	1	1	1	1	1	2	2	2	2
31	4	2	2	2	2	4	4	4	3	2	2	1	1	1	2	1	1	1	1	2	3	4	3	2	2
MEAN	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	3	2	2	2	2	2	****	-	-	1	1	1	1	1	1	1	1	3	3	2
2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
4	2	2	1	1	1	2	2	2	2	2	****	1	1	1	1	2	1	1	1	2	2	1	1	1	1
5	1	1	1	1	1	2	2	2	2	2	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	1	2	1	2	2	3	4	4	2
8	3	1	1	1	1	2	3	3	2	1	1	1	1	1	1	2	2	1	1	1	1	2	1	1	1
9	1	2	2	2	2	1	1	2	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	3	-	-	1	1	1	1	1	1
12	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1
13	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1
14	2	1	1	1	****	3	****	****	1	****	1	1	2	1	2	2	1	1	1	1	2	2	2	2	2
15	2	2	1	1	1	2	3	2	2	1	****	****	3	3	4	4	4	4	4	4	4	4	4	4	3
16	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	6	5	4	5	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	4	5
18	4	4	4	4	3	4	4	4	4	****	****	3	2	1	2	1	1	1	1	2	2	3	2	1	3
19	1	1	1	1	1	2	3	3	2	****	2	2	2	1	2	2	2	1	1	1	1	1	1	1	2
20	1	1	1	2	2	2	****	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
21	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
22	2	1	1	1	1	2	3	3	2	2	1	2	****	3	3	4	-	4	3	3	3	3	3	3	2
23	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3
24	4	4	****	4	4	3	4	****	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	4
25	5	5	5	5	5	4	4	5	5	4	3	2	1	1	1	1	-	1	1	1	1	****	2	3	3
26	3	3	3	2	2	3	3	3	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	2
27	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	3	3	2	3	3	3	3	4	3	2
28	3	3	3	3	3	4	5	5	4	4	****	3	2	2	2	2	3	2	2	2	2	2	2	2	3
29	2	2	2	2	2	2	3	3	****	3	3	2	2	2	2	3	4	2	2	3	3	4	4	-	3
30	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	-	1	2	2	2	1	1	1	1	2
MEAN	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 2.9 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 3S033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
3	1	1	1	1	1	2	2	2	2	****	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	1	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
5	1	1	1	1	1	2	3	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2	2
6	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
9	3	3	2	3	3	4	3	3	2	2	****	3	2	2	2	3	3	2	2	2	3	3	3	2	3
10	2	2	2	2	2	2	3	3	3	3	3	-	2	3	3	3	4	3	2	2	2	3	3	2	3
11	2	2	2	2	2	3	4	4	3	3	3	3	3	****	3	3	2	2	2	3	2	2	3	4	3
12	4	3	3	3	3	4	5	4	3	2	2	2	2	****	2	3	2	2	2	2	2	3	3	2	3
13	3	3	3	3	2	3	5	3	3	****	****	2	2	2	2	2	2	2	2	2	2	2	2	3	3
14	3	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2
15	2	2	2	2	2	1	2	2	1	1	2	2	7	****	2	2	2	2	2	2	2	4	2	2	2
16	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	1	2
17	1	1	1	1	2	2	3	-	2	****	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
18	1	1	1	1	1	2	2	2	2	2	2	2	2	1	2	2	2	1	2	2	2	2	2	2	2
19	1	1	1	1	2	2	3	4	2	1	1	2	2	2	2	2	2	1	1	1	1	2	3	2	2
20	2	1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	3	2
21	****	2	3	3	3	3	3	2	1	1	1	1	2	2	2	1	2	1	1	1	1	2	3	3	2
22	2	2	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	1
23	****	2	1	1	2	2	4	4	3	3	****	2	2	2	2	2	2	2	2	1	1	1	1	1	2
24	1	1	1	1	1	1	2	2	2	2	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	2	3	1	2	****	1	1	2	2	2	2	1	1	1	1	1	1	1	1
27	1	1	1	1	1	2	3	3	2	2	1	1	1	-	2	2	2	1	1	1	2	2	2	1	2
28	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	2	2	1	1
30	1	1	1	1	1	3	3	3	1	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	2	3	4	3	2	2	2	2	2	2	3	2	2	2	2	1	1	1	1	2
MEAN	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 3S033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	4	2	2	2	2	****	2	2	2	2	2	2	2	1	1	1	1	2
2	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	2	2	2	2	2	3	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	1	1	1	2	2	1	1	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2
5	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	1
7	2	2	1	2	2	4	4	3	2	2	2	2	****	2	2	2	3	2	2	2	2	2	2	1	2
8	2	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	1	1	1	1	2	2	3	2	1	1	1	1	1	****	2	2	2	2	2	1	1	1	2	1	1
10	1	1	1	1	1	3	3	4	4	3	****	1	1	1	1	1	1	1	1	1	1	1	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
13	2	1	0	0	1	2	4	4	2	****	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
14	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	-	0	0	0	0	0	1
15	0	0	0	0	0	0	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	2	2	1	1
16	1	1	1	1	1	1	3	3	2	1	2	2	1	1	2	2	2	2	1	1	3	3	3	2	2
17	1	1	1	1	1	3	5	4	2	2	2	2	2	2	2	2	1	1	2	2	1	1	1	1	2
18	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	2	2	3	2
19	3	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2
20	1	1	1	1	1	2	3	3	3	3	2	2	2	1	2	2	2	2	1	1	2	3	4	4	2
21	4	2	2	1	2	3	5	5	2	2	2	2	1	1	1	2	1	1	1	2	4	3	2	1	2
22	1	1	1	1	1	3	4	3	2	****	1	2	2	2	3	2	2	2	3	2	2	3	2	3	2
23	2	1	1	1	1	2	3	3	3	2	2	****	2	2	2	3	2	2	1	1	1	1	1	1	2
24	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1
26	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	2	2	2	2	2	****	2	2	2	2	3	2	2	2	2	2	2	2	2	2
28	2	3	3	2	3	3	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	1	2
29	1	1	1	1	1	2	4	3	2	2	3	2	2	2	2	3	2	2	2	2	2	2	2	3	2
30	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	1	1	1	2	4	4	3	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	1	1	1	1	1	2	2	2	2	2	2	2	1	1	2	2	1	1	1	1	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
4	1	1	1	1	1	2	3	4	3	****	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	3	3	3	3	3	4	5	5	2	2	2	2	2	2	2	3	3	2	2	3	4	4	3	3	3
6	3	2	2	2	2	3	4	5	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	1	1	1	1	1	2	2	2	****	5	2	2	2	2	2	3	2	2	2	2	2	1	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	1	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	****	2	2	1	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3	2	2
11	2	2	2	2	2	3	6	5	4	3	2	2	2	2	2	-	2	2	2	2	2	3	4	4	3
12	4	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	2	2	2
13	1	1	1	1	1	2	4	3	2	2	2	2	2	2	2	3	2	2	2	2	1	2	2	1	2
14	1	1	1	1	1	3	2	3	2	2	****	2	2	1	2	2	2	2	2	2	1	1	1	1	2
15	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1	1
16	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	2	4	3	2	****	****	****	1	1	1	2	1	1	1	1	1	1	0	0	1
18	0	0	0	0	0	1	3	1	1	1	1	1	1	1	1	2	1	1	1	****	1	1	1	0	1
19	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	****	2	1	1	1	2	2	1
20	1	1	1	2	1	3	6	5	3	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	2
21	1	2	2	2	3	3	4	4	3	2	2	2	2	2	2	2	2	2	2	2	****	2	1	1	2
22	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
23	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	4	4	4	5	2
24	4	3	2	2	2	3	6	7	2	1	****	1	1	1	2	2	2	1	2	1	2	2	3	3	2
25	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
26	1	1	1	1	1	2	4	4	3	2	1	2	1	1	2	3	3	2	3	5	5	5	5	3	3
27	3	2	2	2	2	4	6	5	3	2	2	3	3	2	2	2	2	2	2	3	3	2	2	2	3
28	2	2	2	1	2	2	5	3	3	2	****	2	2	2	3	4	3	3	3	2	2	3	3	4	3
29	4	3	4	4	3	4	3	3	3	3	2	2	2	1	2	2	2	2	2	2	2	2	3	4	3
30	5	4	4	3	3	3	2	3	2	2	2	2	2	3	2	2	2	2	3	3	2	2	2	1	3
MEAN	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	3	4	****	****	2	2	3	3	3	3	2	2	2	2	3	4	4	3	2
2	2	2	2	2	2	2	4	6	4	5	3	2	2	2	3	3	3	2	2	2	2	2	2	2	3
3	1	1	1	1	2	2	3	4	2	3	2	3	3	3	3	3	3	2	2	2	2	2	2	1	2
4	1	1	1	1	1	2	3	3	2	2	3	4	4	4	3	3	3	3	3	3	2	2	3	2	2
5	2	1	1	1	1	2	3	4	3	****	2	2	2	2	2	4	3	3	3	3	2	2	2	1	2
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
8	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
9	1	1	1	1	2	2	2	3	2	2	-	****	2	2	2	2	3	3	2	3	2	2	2	3	2
10	2	2	-	2	2	****	5	7	8	5	2	2	2	2	2	3	2	2	2	3	2	3	3	3	3
11	3	2	1	2	2	3	4	5	5	4	3	3	2	2	****	3	3	2	2	2	2	2	2	2	3
12	2	2	2	2	2	2	3	4	3	2	2	3	2	2	3	4	4	3	4	3	3	3	3	2	3
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	3	3	2	2
14	3	3	3	2	2	2	3	3	2	2	2	2	2	2	2	2	2	3	3	3	2	3	2	2	2
15	2	2	2	2	2	3	4	-	3	****	3	3	3	3	3	4	3	4	4	3	4	3	4	3	3
16	3	3	2	2	3	3	5	5	4	3	3	-	3	3	3	4	3	3	3	3	3	3	4	5	3
17	5	5	4	3	3	5	5	-	-	8	8	8	8	9	8	10	10	5	6	7	9	8	7	9	7
18	6	3	3	3	3	4	6	7	4	3	4	4	****	3	3	3	****	4	4	3	3	3	3	3	4
19	3	3	3	3	3	3	4	4	****	3	3	3	3	4	****	-	-	4	4	3	3	3	3	3	3
20	3	3	3	3	2	2	4	3	3	3	3	3	3	3	3	3	3	3	3	4	3	2	2	3	3
21	2	2	2	2	3	3	3	3	3	2	2	3	2	3	3	3	3	3	3	3	3	5	4	3	3
22	2	2	3	3	3	4	5	5	4	4	2	2	2	2	3	3	4	4	4	3	3	3	3	2	3
23	2	2	2	2	2	2	3	4	3	2	2	2	2	****	2	2	2	2	2	1	1	1	2	1	2
24	1	1	1	1	1	2	2	2	2	2	2	2	2	****	2	3	3	2	2	2	2	-	2	2	2
25	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	1	1	1	1	2	3	3	3	2	2	2	2	-	2	3	2	2	2	2	2	1	2	2	2
27	1	1	2	1	1	1	2	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	1	1	1	1	1	1	2	3	3	3	2	2	3	2	2	3	3	3	3	3	2	3	2	2	2
30	2	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
31	1	2	2	1	1	1	2	3	3	2	2	2	2	2	3	4	4	4	3	3	3	3	3	3	2
MEAN	2	2	2	2	2	2	3	3	3	3	2	2	2	3	3	3	3	3	3	3	2	3	3	2	2.4

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	3	4	4	3	3	4	4	4	3	4	7	7	5	3	2	2	2	2	3
2	2	2	2	2	1	2	2	3	3	3	2	****	2	2	2	2	3	2	2	2	2	2	2	2	2
3	2	2	2	2	2	2	3	3	3	2	2	2	2	1	1	1	1	2	2	2	2	2	2	-	2
4	1	2	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	3	3	2	2	4	4	2
5	4	3	3	3	2	3	6	7	6	2	****	1	2	1	2	2	3	2	2	2	1	2	3	3	3
6	4	5	5	3	3	3	4	6	9	6	3	3	2	2	3	3	4	3	6	7	5	5	6	3	4
7	2	2	1	1	1	1	2	2	2	2	1	2	2	2	****	2	2	3	2	1	1	1	1	1	2
8	1	1	1	1	1	-	****	1	1	1	1	1	1	1	2	2	2	3	3	3	2	2	2	3	2
9	3	2	3	3	3	2	3	7	10	3	2	2	2	2	2	3	3	2	2	-	2	1	2	3	3
10	3	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2
11	1	2	-	1	1	1	2	2	2	2	2	2	-	2	2	2	2	2	2	2	2	1	2	1	2
12	1	1	1	-	1	1	1	3	2	2	2	2	2	2	2	3	4	3	3	4	5	5	6	5	3
13	4	4	3	2	1	1	3	4	5	3	3	2	2	2	2	4	4	5	5	4	3	2	2	2	3
14	2	2	1	1	1	1	2	4	5	2	2	2	2	2	3	4	4	4	3	2	2	3	4	4	3
15	3	2	1	1	1	1	2	3	2	2	2	1	2	2	2	3	4	4	4	3	2	2	1	1	2
16	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	3	2	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	4	5	9	9	6	4	6	3
18	4	5	5	5	4	3	2	3	4	4	3	2	2	2	2	2	2	2	2	2	2	3	2	2	3
19	1	1	1	1	2	2	3	4	4	3	2	2	2	2	3	4	6	3	2	2	2	2	2	2	2
20	2	2	2	2	2	3	5	6	4	3	2	****	2	2	2	3	3	2	2	2	2	2	1	1	2
21	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2	2	2	-	2	2	2	2	3	2	2
22	3	2	1	1	1	1	3	5	5	3	3	3	3	3	2	3	3	3	2	2	2	2	2	2	3
23	2	1	1	1	1	2	2	3	3	3	2	4	4	4	4	5	5	7	7	3	3	3	3	4	3
24	3	3	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	****	2	3	2
25	3	3	5	5	5	4	4	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
26	2	2	2	2	2	2	4	4	4	3	****	2	2	2	2	2	2	2	1	2	2	2	2	2	2
27	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	2	3	2
28	3	2	2	2	2	2	2	3	3	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2
29	2	2	1	1	1	1	2	2	3	2	2	2	2	2	****	3	-	****	2	2	1	1	1	1	2
30	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2.4

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	1	1	1	1	2	2	3	3	2	****	3	2	2	2	2	1	1	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	1
3	1	1	1	1	1	1	2	2	3	2	****	1	1	1	1	2	****	3	2	2	1	1	1	1	1
4	1	1	1	1	1	1	1	3	2	2	2	2	2	2	2	3	4	4	3	2	2	2	2	2	2
5	2	2	1	1	1	1	2	2	2	2	2	2	2	****	2	2	3	3	2	2	2	2	2	2	2
6	2	2	2	2	2	2	4	5	5	4	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3
7	3	3	2	2	2	2	3	4	5	****	****	5	1	1	1	2	3	2	1	1	1	1	1	1	2
8	1	1	1	1	1	1	1	1	1	1	1	1	****	2	1	2	2	1	****	1	1	1	1	1	1
9	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
10	1	1	1	1	1	1	2	3	4	3	2	2	2	2	2	2	3	2	1	1	1	2	2	1	2
11	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
12	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	****	****	****	****	****	2
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	2	2	3	2	2	1	1	******
14	1	2	1	1	1	1	2	3	3	2	2	2	2	****	2	3	4	3	2	2	2	2	2	2	2
15	2	1	1	1	1	1	2	2	2	1	1	1	2	1	2	2	2	2	2	2	2	2	2	1	2
16	1	1	1	2	1	1	2	2	2	2	2	2	2	3	2	2	2	1	1	1	1	1	1	1	2
17	1	1	1	1	1	1	1	3	4	4	2	1	1	1	2	2	3	3	2	2	2	2	2	2	2
18	2	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	4	3	3	3	1	1	1	2
19	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
20	2	2	1	1	1	2	2	3	4	4	3	3	4	3	4	4	6	8	10	9	9	9	9	B	5
21	7	8	7	6	4	4	6	9	14	17	14	6	4	3	4	5	4	3	3	3	3	3	2	2	6
22	2	2	2	1	1	1	1	1	1	2	2	2	2	2	3	2	3	2	2	2	2	3	3	3	2
23	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	3	3
24	4	3	3	3	3	4	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	1	2
27	2	2	1	1	1	1	2	2	2	2	2	2	2	2	****	2	2	2	2	2	2	1	1	1	2
28	1	1	0	0	0	1	1	2	2	1	1	1	2	2	2	3	3	3	3	4	3	2	2	1	2
29	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1
30	1	1	1	1	1	1	1	2	1	2	1	1	2	2	2	2	2	3	3	3	2	2	2	2	2
31	2	2	1	1	1	1	1	2	3	1	1	1	1	2	2	2	2	2	2	2	2	3	2	-	2
MEAN	2	2	1	1	1	1	2	2	3	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 4.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.6	3	7
FEB	28	2.2	7	10
MAR	31	1.9	3	7
APR	30	1.6	3	6
MAY	31	1.3	2	8
JUN	30	2.0	5	6
JUL	31	1.8	3	7
AUG	31	1.5	2	5
SEP	30	1.9	3	7
OCT	31	2.4	7	10
NOV	30	2.4	4	10
DEC	30	2.1	6	17
YEAR	364	1.9	7	17

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	429	284	24	0	0	0	737
FEB	235	301	101	7	0	0	644
MAR	328	338	68	0	0	0	734
APR	313	374	11	0	0	0	698
MAY	415	297	17	0	0	0	729
JUN	342	226	121	0	0	0	689
JUL	265	442	17	0	0	0	724
AUG	358	353	20	0	0	0	731
SEP	242	413	51	0	0	0	706
OCT	150	483	82	5	0	0	720
NOV	136	470	93	4	0	0	703
DEC	253	406	44	6	3	0	712
YEAR	3466	4387	649	22	3	0	8527

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
97.3	0	0.1	0.7	1.2	1.8	2.8	3.7	4.8	5.7	17	1.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	-	-	-	2	2	2	2	2	2	1	2	-	-	-	-	-	-	-	-	-	-	-	-	******
2	-	-	-	-	-	-	-	-	-	-	-	****	****	****	2	2	2	2	2	1	1	1	1	1	******
3	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
4	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
5	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	2	1	2	1	2	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	3	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	2	2	1	1	1	****	1	1	1	1	1	1	1	1	2	2	1	1
9	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1
10	1	1	1	1	1	2	2	2	2	2	1	1	****	2	1	2	2	2	2	2	2	2	1	1	2
11	1	1	1	2	1	1	2	4	5	2	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2
12	1	1	1	1	2	1	2	4	4	1	1	1	1	1	1	1	2	4	4	4	4	3	2	2	2
13	3	4	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	2	1	1	2	2	2	2	2	****	2	2	2	2	2	2	2	2	1	1	1	2
16	1	1	1	1	1	1	2	2	3	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2
17	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	3	2	2	1	1	2	1	1	2
18	1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2
19	2	1	1	1	2	2	2	2	3	2	2	****	2	3	2	1	1	1	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4	2	1	1	2	2	2	2	2	2
21	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
22	1	1	1	1	1	1	1	2	2	1	1	1	1	****	1	1	1	1	1	2	2	2	2	1	1
23	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	2	2	2	1	1	1	1	2	2	2
24	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
26	1	1	1	1	1	1	1	2	2	2	1	1	****	****	1	1	1	1	1	2	2	1	1	1	1
27	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	****	1	1	1	1	1	1
29	1	1	1	1	1	1	2	1	1	1	1	1	1	****	2	2	2	2	2	2	2	2	2	2	1
30	2	1	1	1	1	1	2	2	2	1	1	1	1	2	1	1	1	2	1	1	2	1	2	2	1
31	1	1	1	1	1	1	1	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1
MEAN	1	1	1	1	1	1	2	2	2	2	1	1	1	2	1	1	2	2	2	2	2	1	1	1	1.5

PERCENTAGE OF DATA VALID - 94.6 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 3.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	****	2	1	2	2	2	2	2	2	4	3	2
3	3	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	1	1	1	1	1	2	2	1	2	2	2	1	****	2	2	2	2	2	2	2	2	1	1	1	2
5	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	1	1	1	2	1	2	4	5	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2
7	2	3	2	1	2	2	3	3	2	2	1	1	1	1	1	2	2	2	2	2	1	2	3	2	2
8	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
9	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
10	2	1	1	2	1	1	1	1	2	1	1	2	2	1	1	1	1	2	2	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	2	3	3	2	2	3	1
12	2	2	2	1	1	1	2	2	3	2	2	2	3	****	2	2	3	4	3	2	2	2	2	2	2
13	1	1	1	1	1	1	2	2	2	2	2	2	2	****	2	2	2	2	3	2	2	2	2	2	2
14	2	1	1	1	1	1	2	3	3	3	3	3	3	2	3	2	1	1	1	1	1	1	1	2	2
15	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	2	2	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	2	2	3	2	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	2	2	2	1	1	2	2	****	2	2	2	2	2	2	2	2	2	2	2
20	2	2	1	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	3	3	3	3	6	5	3
21	4	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
22	1	1	2	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	1	2	1	1	1	1	2	2	2	2	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2
24	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	2	2	1	2	1	1	1	1	1
26	2	2	2	2	2	1	2	2	3	2	****	1	****	****	****	****	****	2	****	****	****	****	****	****	******
27	****	****	****	****	1	1	2	2	2	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	1	1	2	2	3	2	2	1	****	2	2	2	2	****	3	4	4	6	3	2	2
MEAN	2	1	1	1	1	1	2	2	2	2	1	2	2	1	2	2	2	2	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 3.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C ND 44010 1298 REBECCA ST OAKVILLE MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	2	2	2	2	1	2	2	2	1	1	1	****	****	****	****	****	****	****	****	****	2	2	2	******
2	2	2	1	1	1	1	2	3	3	****	1	1	****	1	1	1	1	1	1	1	1	1	1	***	1
3	****	2	****	1	1	****	2	3	2	1	1	1	1	1	1	1	1	2	2	3	2	3	****	1	2
4	1	1	1	1	1	****	****	1	1	1	****	1	2	2	1	1	****	1	****	2	1	2	1	2	1
5	1	2	1	1	1	1	1	2	2	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	1
7	1	1	1	2	2	2	3	6	3	1	1	1	2	1	1	1	1	1	1	2	4	2	3	2	2
8	2	2	2	2	1	2	2	3	2	2	2	2	****	2	1	1	1	1	2	1	1	1	1	1	2
9	1	1	1	1	1	2	3	6	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
10	2	2	2	1	2	1	1	1	1	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	2	4	3	3	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
16	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	3	3	2	2	2	2	2
17	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
18	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	4	3	2	2	2
19	2	2	2	2	2	2	3	3	3	2	2	2	1	1	2	2	1	1	2	3	3	3	3	3	2
20	3	3	2	2	2	2	3	3	2	2	2	2	2	2	1	1	1	2	4	6	3	2	3	2	2
21	2	2	2	2	1	1	3	4	3	2	2	2	2	****	1	1	1	2	2	3	4	3	3	3	2
22	2	2	2	2	2	2	2	3	2	2	3	3	3	3	2	2	2	2	2	2	4	2	2	2	2
23	2	2	2	2	2	2	2	1	1	2	2	2	1	1	1	2	2	2	2	2	4	3	2	2	2
24	2	2	2	2	2	2	2	2	2	2	3	4	2	3	2	1	2	2	2	2	2	2	2	2	2
25	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
26	1	1	2	1	1	1	1	2	2	1	1	1	1	2	1	1	2	1	2	2	2	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
28	2	2	2	1	1	2	2	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1
29	1	1	1	1	2	2	1	2	2	2	1	2	2	2	2	2	2	2	2	1	2	1	2	2	2
30	2	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2	2	3	3	3	3	2	2	2
31	2	2	1	2	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	1	1	2	2	2	2	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 3.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C ND 44010 1298 REBECCA ST OAKVILLE MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	2	2	****	2	2	2	1	2	2	2	2	3	2	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
4	2	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1	1	2	1	1	1	1	1	2	2	1
6	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	1	2	2	1
8	1	2	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
9	1	1	1	1	1	1	1	1	1	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1
11	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
15	0	0	0	0	0	D	0	0	D	0	D	0	0	0	0	0	0	0	0	0	0	0	D	0	0
16	D	0	0	D	1	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
20	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	2	1	2	3	2	1
21	2	2	2	2	2	2	2	2	1	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2
22	2	3	2	3	2	2	2	2	1	1	1	1	1	1	1	2	1	1	2	2	3	2	2	2	2
23	1	2	1	1	1	1	2	2	2	1	1	1	****	2	2	2	2	2	2	2	2	2	3	2	2
24	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	2	2	2	2	2	1	2	1	2
25	2	2	1	1	1	2	2	3	2	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2
26	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	2	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
30	1	1	1	1	1	2	2	2	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	****	2	2	2	3	3	2	2	2	2	1	2	2
4	1	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	2	1	1	1	1	2	2	1	1	1	1	****	1	1	1	1	1	2	2	2	2	3	2	1
10	2	1	1	1	1	2	2	3	2	1	1	2	1	1	1	1	1	2	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	2	2	2	2	2	1	1
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
14	1	1	1	1	1	2	2	2	2	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	0	1
16	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	2	2	1	1	1
17	1	1	1	1	1	2	2	2	2	1	2	2	****	1	1	1	1	1	1	1	1	2	2	2	1
18	2	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
19	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
20	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
21	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	2	1
25	1	1	1	1	1	1	1	2	1	1	1	****	2	2	2	2	2	2	2	2	1	2	2	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
27	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
28	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1
29	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	3	3	2	1
31	2	2	1	1	1	2	2	2	2	1	1	2	****	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	1	1
4	1	1	1	1	1	1	2	2	1	1	1	****	1	1	1	1	1	2	2	2	2	2	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	2	2	2	2	1	1
8	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	2	1	2	1	1	2	1
9	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
12	1	1	1	1	1	1	1	2	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
14	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	2	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
16	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	1
17	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	2	2	2	2	1
19	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
26	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	2	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	2	1	1	1
7	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	3	2	1	1
8	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	3	3	3	1
9	2	1	1	1	1	2	2	2	1	1	1	****	1	1	1	1	1	1	1	1	2	2	2	2	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
11	1	2	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	1	2	2	1	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2
13	2	2	2	1	1	1	2	2	2	2	1	****	2	2	2	2	2	2	2	2	2	4	4	3	2
14	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	1	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	2	2	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	1	1	1
19	1	1	1	1	1	1	2	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1
20	1	1	1	1	1	1	2	2	2	2	2	****	2	2	1	1	1	1	1	1	2	1	1	1	1
21	2	2	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2
22	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
23	1	1	1	1	1	1	2	2	2	1	1	****	1	1	1	2	1	1	1	1	1	1	1	2	1
24	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
26	1	2	1	1	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
27	1	0	0	0	0	1	1	1	1	1	1	****	1	1	1	1	1	1	1	2	2	2	2	3	1
28	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1	1
30	1	1	1	1	1	1	2	1	2	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1.2

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
2	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	2	1	****	1	1	1	1	2	1	2	2	2	2	2	2	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1
5	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
7	1	1	1	1	1	2	2	2	1	1	1	****	1	1	1	1	1	2	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
9	1	1	1	1	1	1	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	1
13	1	1	1	1	1	2	3	3	2	2	2	1	1	1	1	1	1	2	2	1	1	1	2	2	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	****	****	****	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	1	1	1
17	1	1	1	1	1	1	2	2	2	****	2	2	2	1	1	2	2	2	2	2	2	2	2	1	2
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
19	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
20	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
21	2	2	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	3	2	2	2
22	1	1	1	1	1	1	2	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1	1
26	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
27	1	1	1	1	1	2	2	2	2	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	******
28												-	DATA	INVALID	-										
29												-	DATA	INVALID	-										
30	****	****	****	****	****	****	****	****	****	****	****	****	****	-	1	1	1	1	1	1	1	1	1	1	******
31	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 88.7 PERCENTAGE OF DATA INVALID - 11.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	1	1	1	0	1	1	1
4	1	1	1	1	1	1	1	2	1	2	1	****	1	1	1	1	1	1	1	1	1	2	2	2	1
5	2	2	2	2	2	2	2	3	2	1	1	1	2	1	1	1	1	1	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	2	2	2	1	1	1	1	2
7	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
10	1	1	1	1	1	1	2	1	2	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	1	1
12	1	1	1	1	1	1	2	3	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	2	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	2	2	1	1	1	****	1	1	1	1	1	-	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1
16	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
17	1	1	1	1	1	1	2	2	2	2	1	****	1	1	1	1	1	1	1	1	1	2	2	2	1
18	3	3	1	1	1	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	2	1	1	1	1	1	1
20	1	1	1	1	1	1	3	3	2	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1
21	1	2	2	1	1	2	2	2	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	2	1
24	2	2	2	2	1	2	3	3	2	1	1	****	1	1	1	1	1	1	1	1	2	2	2	1	2
25	1	1	1	1	1	2	3	3	2	2	2	2	1	1	1	1	1	1	2	2	2	1	2	2	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	3	2	1	1	1	1
27	1	1	1	1	1	2	4	4	2	2	2	1	1	1	1	1	1	1	1	4	3	3	3	3	2
28	3	2	1	1	2	2	2	2	1	2	1	1	2	1	2	1	1	1	2	2	3	3	2	2	2
29	2	2	2	2	2	3	3	2	1	1	2	1	1	1	1	1	1	1	1	2	2	2	2	1	2
30	1	1	1	1	2	2	1	2	2	2	2	2	1	1	1	1	1	1	2	3	2	1	1	1	1
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1.3

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	2	1	****	2	2	2	2	1	1	1	1	2	1	2	2	2	1
2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	****	2	1	2	1	1	1	1	1	1	1	2	2	1
4	1	1	0	1	1	1	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	0	1
5	0	1	1	D	0	1	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1
7	2	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	****	****	0	0	0	0	1	1	1	1	1	1	1	1
10	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1
11	1	1	1	1	1	1	4	4	2	2	1	1	1	1	1	1	1	1	1	1	1	0	.0	0	1
12	1	1	1	1	1	1	2	2	2	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	******
13												-	DATA	INVALID	-										
14												-	DATA	INVALID	-										
15	****	****	****	****	****	****	****	****	****	****	****	2	2	2	1	1	1	-	2	3	2	1	1	1	******
16	1	1	1	-	-	1	1	1	1	0	1	1	-	-	-	1	1	1	1	1	1	1	1	-	1
17	1	1	1	1	1	2	2	3	2	2	2	2	1	1	2	2	2	2	3	3	4	4	5	4	2
18	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	1	2	1	1	1	1
20	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	3	1	2	1	2	1	1	1	1	1	2	3	1	1	1	1	1	1
22	1	1	1	1	1	1	2	2	1	1	1	****	1	-	1	1	1	1	-	1	3	2	2	2	1
23	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	0	0	0	0	0	1	1	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	0	0	0	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	1
MEAN	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE DF DATA VALID - 88.0 PERCENTAGE DF DATA INVALID - 10.3 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	1	1	1	2	7	7	2	1	1	1	1	1	1	2	3	2	1	1	1	1	1	2
2	1	1	1	1	1	1	2	2	2	1	1	1	1	****	1	1	1	2	3	3	2	1	1	1	1
3	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	1	2	2	1	2	2	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	3	2	2	1
5	2	1	1	1	1	2	3	5	5	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
6	2	2	1	2	2	2	2	3	3	3	3	2	2	1	2	2	2	2	3	3	3	3	3	4	2
7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	3	1
9	2	2	1	1	1	1	2	4	6	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
12	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	3	4	5	4	3	2	2	2
13	3	2	2	2	2	2	2	2	2	2	2	1	1	****	1	1	1	2	3	3	2	2	1	1	2
14	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
15	2	1	1	1	1	2	1	2	2	2	1	1	1	2	2	1	1	2	2	2	1	1	1	1	1
16	1	1	1	1	1	1	1	2	3	1	1	1	0	1	1	2	2	1	1	2	2	2	2	1	1
17	2	1	1	1	2	2	1	1	2	2	2	2	1	2	2	2	3	6	7	8	5	3	2	2	3
18	2	2	2	2	2	2	2	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2
19	2	1	2	2	2	1	2	3	3	2	2	****	2	2	2	2	2	2	3	3	4	3	3	3	2
20	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
23	1	1	1	2	2	1	2	1	2	2	2	1	****	2	2	2	2	2	2	2	2	2	2	3	2
24	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	2
25	4	3	2	2	1	2	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
26	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	1	1	1	1	1	1
2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
3	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1
5	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1	2	1	1
6	1	1	1	1	1	1	2	2	3	2	1	2	2	2	2	2	2	1	1	1	1	1	2	1	2
7	1	1	1	1	1	1	2	3	4	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	2	5	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	2	2	1	****	1	2	2	2	2	2	2	1	2	1	1
12	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
14												-	OATA	INVALID	-										
15												-	OATA	INVALID	-										
16												-	OATA	INVALID	-										
17												-	OATA	INVALID	-										
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	2	2	2	2	0	0	0	0	******
19	0	0	0	1	0	0	0	1	1	0	0	0	****	1	0	0	0	0	0	0	1	0	0	1	0
20	1	1	0	0	0	0	0	1	1	2	1	1	1	2	2	1	2	3	3	3	3	3	3	2	2
21	2	2	2	2	2	2	3	4	5	3	2	2	****	2	2	****	0	2	****	****	****	****	3	2	2
22	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
23	****	****	****	****	****	****	0	****	****	****	1	1	****	****	****	****	****	****	****	****	****	****	****	****	******
24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	****	****	****	****	0	0	******
25												-	OATA	INVALID	-										
26												-	OATA	INVALID	-										
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	****	0	0	0	0	0	******
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	****	0	0	0	0	0
30	0	0	0	0	0	0	****	1	****	****	****	0	0	0	****	****	0	2	2	1	1	1	2	3	1
31	3	1	0	0	0	0	1	1	2	2	****	0	0	0	0	1	0	0	2	1	2	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 63.3 PERCENTAGE OF DATA INVALID - 36.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44010 129B REBECCA ST OAKVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	1.5	2	5
FEB	27	1.6	3	6
MAR	30	1.6	2	6
APR	30	1.2	2	4
MAY	31	1.2	2	3
JUN	30	1.1	1	3
JUL	31	1.2	2	4
AUG	27	1.1	2	3
SEP	30	1.3	2	4
OCT	27	1.1	2	5
NOV	30	1.5	3	8
DEC	19	1.0	2	5
YEAR	341	1.3	3	8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 44010 129B REBECCA ST OAKVILLE

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	405	285	14	0	0	0	704
FEB	305	330	11	0	0	0	646
MAR	370	335	12	0	0	0	717
APR	544	167	1	0	0	0	712
MAY	584	153	0	0	0	0	737
JUN	637	77	0	0	0	0	714
JUL	542	191	2	0	0	0	735
AUG	555	105	0	0	0	0	660
SEP	521	187	4	0	0	0	712
OCT	562	87	6	0	0	0	655
NOV	441	256	17	0	0	0	714
DEC	375	92	4	0	0	0	471
YEAR	5841	2265	71	0	0	0	8177

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
93.3	0	0.1	0.4	0.7	1.0	1.7	1.9	2.6	3.0	8	1.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23	-	-	-	-	-	-	-	-	-	-	-	-	2	3	3	3	2	3	2	1	1	1	1	1	******
24	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	0	0	0	1
25	0	0	0	0	0	0	1	2	2	1	****	2	1	1	1	2	1	1	1	1	0	0	0	0	1
26	0	0	0	0	0	0	0	0	1	1	1	1	****	2	2	2	1	2	1	1	1	1	1	1	1
27	1	1	1	1	1	1	2	1	2	2	2	1	1	1	1	1	2	2	2	3	2	2	2	2	2
28	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	1	1	0	0	****	2	1	1	1	1	1	1	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0.7

PERCENTAGE OF DATA VALIO - 27.0 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 72.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - FEB 79

HOUR / OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
3	0	0	0	0	0	1	3	5	5	4	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2
4	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	2	2	2	2	1	0	1	****	1	1	2	4	2	1	1	1	2	2	1
7	2	1	1	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
8	0	0	0	0	0	0	0	1	1	1	****	****	2	1	1	2	2	2	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	2	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	4	8	7	2
12	5	3	2	2	2	2	5	4	4	3	2	2	2	2	2	3	2	2	3	2	1	1	1	1	2
13	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	3	2	1	2	2	1	1	2	1	2
14	1	1	1	1	1	1	2	3	2	1	1	1	****	****	****	2	1	1	1	1	0	0	0	0	1
15	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	2	1	0	0	0	0	0	1
16	0	0	0	0	0	0	2	1	1	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	1	4	3	2	2	1	****	****	1	0	1	1	1	2	5	4	2	2	1	2
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	3	2	3	1
21	4	2	1	1	2	2	3	4	3	2	2	2	3	3	1	1	1	1	1	1	1	1	0	0	2
22	1	1	1	1	1	1	1	1	1	1	****	1	1	0	0	1	1	2	2	3	2	1	1	1	1
23	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	4	4	4	4	3	3	3	2	1	2
24	0	0	1	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
26	0	1	1	0	0	0	1	1	2	1	1	1	0	0	0	2	1	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	1	1	1	0	0	1	****	1	0	0	0	0	0	0	0	0	0	1	0
28	1	1	1	1	1	2	7	****	****	****	2	2	2	1	1	1	1	2	5	5	6	4	3	4	3
MEAN	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIOE UNITS - PARTS/MILLION

STATION - C NO 4S02S RITSON RO/OLIVE AVE, OSHAWA MONTH - MAR 79

HOUR / OAY	1	2	3	4	S	6	7	B	9	10	11	12	13	14	1S	16	17	1B	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	2	2	2	1	2	2	1	1	1	2	1	3	1	1	1	1	1	1	2
2	1	1	1	1	1	1	2	3	2	2	1	****	1	0	0	0	1	2	2	1	1	2	1	1	1
3	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	0	0	0	0	1	1	0	0	1
4	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0
S	0	0	0	0	0	0	4	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0
6	1	1	1	1	1	1	4	3	3	3	3	****	2	2	2	1	1	1	1	1	1	1	1	1	2
7	1	1	1	1	1	1	11	11	S	2	1	1	1	0	0	1	0	2	1	1	1	2	3	2	2
B	2	1	1	1	1	1	3	3	2	1	1	2	1	1	0	0	1	1	0	1	0	0	0	0	1
9	0	0	0	1	1	2	10	14	4	1	1	****	1	1	1	2	2	2	1	****	****	****	****	****	2
10													- OATA INVALIO -												
11													- OATA INVALIO -												
12													- OATA INVALIO -												
13													- OATA INVALIO -												
14												- OATA UNAVAILABLE -													
1S												- OATA UNAVAILABLE -													
16												- OATA UNAVAILABLE -													
17												- OATA UNAVAILABLE -													
1B												- OATA UNAVAILABLE -													
19												- OATA UNAVAILABLE -													
20												- OATA UNAVAILABLE -													
21												- OATA UNAVAILABLE -													
22												- OATA UNAVAILABLE -													
23												- OATA UNAVAILABLE -													
24												- OATA UNAVAILABLE -													
2S												- OATA UNAVAILABLE -													
26												- OATA UNAVAILABLE -													
27												- OATA UNAVAILABLE -													
2B	-	-	-	-	-	-	-	-	-	-	-	-	****	****	****	1	1	1	1	1	1	1	1	2	******
29	1	1	1	1	1	2	S	5	3	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2
30	0	0	0	0	0	0	1	1	2	1	1	2	2	2	2	4	4	S	2	2	4	S	6	3	2
31	3	2	1	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1
MEAN	1	1	1	1	1	1	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.3

PERCENTAGE OF OATA VALIO - 3B.B PERCENTAGE OF OATA INVALIO - 12.9 PERCENTAGE OF OATA UNAVAILABLE - 4B.3

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIOE UNITS - PARTS/MILLION

STATION - C NO 4S02S RITSON RO/OLIVE AVE, OSHAWA MONTH - APR 79

HOUR / OAY	1	2	3	4	5	6	7	B	9	10	11	12	13	14	1S	16	17	1B	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
2	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
4	0	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
S	1	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	2	1	1	1	1
6	0	1	0	0	0	0	0	0	0	0	1	****	****	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1
9	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	1	1	1
10	1	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1
11	1	0	0	0	0	1	2	1	1	1	1	1	1	1	1	2	2	2	2	3	2	1	1	1	1
12	1	1	1	1	0	1	2	1	1	1	1	1	1	1	1	3	2	2	2	2	1	1	1	1	1
13	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	3	1
1S	3	2	1	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1
16	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	0	0	0	0	1	1	1	1	0	0	****	0	0	0	0	0	0	1	0	1	1	1	0
1B	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1
20	1	1	1	1	1	2	3	4	5	2	1	****	****	1	1	0	0	1	1	2	4	3	4	S	2
21	S	7	7	6	3	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	2
22	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1
23	****	0	0	1	1	1	2	2	3	4	2	1	****	0	0	1	1	1	2	2	3	4	2	1	2
24	1	1	1	1	1	1	3	2	2	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
2S	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	2	3	3	4	3	2	1	1	1
26	1	1	1	1	1	1	1	2	2	1	2	2	2	1	1	2	2	2	2	1	1	1	1	1	1
27	0	0	0	1	0	0	0	1	0	0	0	****	0	0	0	0	0	1	0	0	0	0	0	0	0
2B	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	1	1	2	2	1	1	1	1	1
29	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	2	1	1	1
30	1	1	0	0	1	4	2	2	1	1	****	1	1	1	1	1	1	1	1	0	0	1	1	1	1
MEAN	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF OATA VALIO - 9B.B PERCENTAGE OF OATA INVALIO - 1.3 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIOE UNITS - PARTS/MILLION

STATION - C NO 4S02S RITSON RO/OLIVE AVE, OSHAWA MONTH - MAY 79

HOUR OAY	1	2	3	4	S	6	7	B	9	10	11	12	13	14	1S	16	17	1B	19	20	21	22	23	24	MEAN
1												- OATA INVALIO -													
2												- OATA INVALIO -													
3												- OATA INVALIO -													
4												- OATA INVALIO -													
S												- OATA INVALIO -													
6												- OATA INVALIO -													
7												- OATA INVALIO -													
B												- OATA INVALIO -													
9												- OATA INVALIO -													
10												- OATA INVALIO -													
11												- OATA INVALIO -													
12												- OATA INVALIO -													
13												- OATA INVALIO -													
14												- OATA INVALIO -													
15												- OATA INVALIO -													
16												- OATA INVALIO -													
17												- OATA INVALIO -													
1B												- OATA INVALIO -													
19												- OATA INVALIO -													
20												- OATA INVALIO -													
21												- OATA INVALIO -													
22	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	2	2	2	2	2	2	1	1	1	******
23	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0	0	1
24	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	2	2	2	1	1	0	1
2S	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
2B	1	1	1	1	1	2	3	2	1	2	2	2	1	2	2	2	2	1	2	3	2	2	2	2	2
29	2	2	2	2	2	3	4	4	3	2	3	2	3	2	2	3	2	3	3	2	2	2	2	2	2
30	2	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	2	3	3	4	3	2
31	3	3	3	3	2	4	S	4	3	2	****	1	1	1	1	2	2	1	2	2	2	2	1	1	2
MEAN	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	1	1.4

PERCENTAGE OF OATA VALIO - 30.B PERCENTAGE OF OATA INVALIO - 69.0 PERCENTAGE OF OATA UNAVAILABLE - 0.3

NOTES 1. "*****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - CARBON MONOXIOE UNITS - PARTS/MILLION

STATION - C NO 4S02S RITSON RO/OLIVE AVE, OSHAWA MONTH - JUN 79

HOUR OAY	1	2	3	4	S	6	7	B	9	10	11	12	13	14	1S	16	17	1B	19	20	21	22	23	24	MEAN
1	1	1	0	0	1	2	2	2	1	1	1	****	-	-	2	1	1	2	2	2	2	1	2	2	1
2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0
3	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	0
4	1	1	0	0	0	2	2	1	0	1	1	1	1	1	1	2	2	1	2	2	2	1	2	2	1
S	1	1	1	1	1	3	1	1	1	1	1	-	0	0	0	1	1	1	1	1	1	1	1	1	1
6	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
7	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	0	0	0	1
B	0	0	0	0	1	2	2	1	1	0	0	****	3	3	3	3	3	3	3	3	3	4	4	3	2
9	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3
10	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	****	3	-	-	3	3	3	3	3	2
12	3	3	2	3	3	3	3	3	3	3	3	****	2	2	2	2	2	2	****	2	3	3	3	2	3
13	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
14	4	3	3	3	****	6	****	****	3	3	****	3	3	3	4	4	3	4	3	3	3	3	4	3	3
1S	3	3	3	3	3	4	S	3	3	3	****	****	2	2	2	2	2	2	3	3	3	3	3	3	3
16	3	3	2	2	2	3	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	4	4	3
17	4	3	3	2	2	2	3	2	2	2	3	3	3	3	3	2	2	2	2	3	2	2	2	2	2
1B	2	2	2	2	2	2	2	2	2	2	****	2	2	1	2	1	1	1	1	3	3	4	S	3	2
19	2	2	2	2	2	3	3	2	2	2	3	3	2	2	2	3	3	3	3	4	4	4	3	3	3
20	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3
21	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	2	3
22	2	2	2	2	2	3	3	3	2	3	3	3	3	2	2	2	-	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	****	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2S	2	2	2	2	2	3	2	2	2	2	3	3	3	3	3	3	-	3	3	3	4	S	6	S	3
26	4	3	3	3	3	4	4	3	3	3	3	3	3	3	****	3	3	3	3	3	3	3	3	3	3
27	3	3	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	3	2	3	2	2	2	2
2B	2	2	2	2	2	3	4	3	3	3	4	3	2	1	2	2	2	2	2	2	2	1	2	1	2
29	1	1	1	1	1	2	2	2	1	1	2	1	1	2	2	3	2	1	1	1	1	1	1	-	1
30	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1	-	1	1	1	1	1	0	0	0	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.0

PERCENTAGE OF OATA VALIO - 96.7 PERCENTAGE OF OATA INVALIO - 2.1 PERCENTAGE OF OATA UNAVAILABLE - 1.3

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 4502S RITSON RD/OLIVE AVE. OSHAWA MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1
2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	1	1	0	0	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	1
8	2	1	2	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	2	2	1	2	1	1
9	1	1	0	0	0	2	2	2	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1	1	1
10	0	0	0	0	0	2	2	1	1	****	****	-	1	0	1	1	1	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
12	1	1	0	0	0	1	2	0	0	0	0	****	1	1	1	1	1	1	1	1	2	4	4	4	1
13	2	1	1	1	1	3	3	1	1	1	1	1	0	0	1	1	1	1	1	2	2	1	3	3	1
14	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
15	1	1	1	1	1	0	0	0	0	0	1	1	0	1	1	0	1	0	1	1	1	1	0	0	1
16	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
17	0	0	0	0	0	1	0	-	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0
19	0	0	0	0	0	1	1	0	0	0	****	1	1	1	1	1	1	1	1	1	1	3	1	2	1
20	1	1	1	1	1	2	2	2	2	0	0	0	0	0	1	0	0	0	1	1	2	2	2	2	1
21	****	2	1	0	0	0	0	0	0	1	0	1	0	0	1	0	0	1	1	2	1	1	1	1	1
22	1	2	1	1	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0
23	****	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
24	0	0	0	0	0	1	1	0	0	0	0	****	1	1	1	1	1	1	1	0	0	0	0	0	0
25	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
26	0	0	0	0	0	1	1	1	1	1	0	****	****	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	2	2	3	3	3	1
28	2	2	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
30	1	1	1	1	1	2	2	2	-	1	-	-	-	0	1	1	1	1	1	1	1	1	0	0	1
31	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
MEAN	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 4S02S RITSON RD/OLIVE AVE. OSHAWA MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	1	****	1	1	1	1	1	2	1	1	1	0	0	0
2	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
3	0	1	1	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	1	2	1	2	1	1	1
4	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
7	0	0	0	0	0	1	2	1	0	1	1	****	****	1	1	1	1	1	1	1	0	0	0	0	1
8	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	0	0	0	1	2	1	1	1	****	1	1	1	****	1	1	1	1	1	1	0	0	0	0	1
10	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	1	0
13	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	-	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	1	1	1	0	0	0	0	0	****	1	1	1	1	1	2	3	2	2	1	1
17	1	1	0	0	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1
19	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0
20	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	1	1	0
21	1	1	0	0	0	4	S	1	0	0	1	1	1	1	1	1	1	1	1	2	3	4	1	1	1
22	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
23	0	0	0	0	0	1	2	2	1	1	1	****	1	2	2	2	2	2	2	1	1	1	1	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	0
26	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
27	0	0	0	0	0	0	2	1	1	1	1	1	0	0	0	0	1	1	2	2	2	2	1	1	1
28	0	0	0	0	0	1	1	1	1	1	S	2	1	1	1	2	2	2	2	1	1	1	1	1	1
29	0	0	0	0	0	2	2	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
30	2	2	2	1	1	1	2	2	1	1	****	1	1	1	1	0	1	1	1	1	1	1	1	1	1
31	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1
MEAN	0	0	0	0	0	1	1	1	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0.6

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	1	1	1
5	1	1	1	1	1	3	2	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1	1	0	1
6	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
7	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
9	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	****	1	1	2	1	1	1	1	1	1	1	2	2	1
11	2	2	2	2	2	4	6	3	1	1	1	1	1	1	1	-	1	1	2	3	2	2	2	1	2
12	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1
13	1	1	1	1	1	2	2	2	1	1	****	2	2	****	2	2	3	3	2	2	1	1	1	1	2
14	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
17	2	2	2	2	2	4	9	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
18	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	2	2	2	2	1
20	2	2	2	2	2	3	5	4	2	2	2	1	****	1	1	1	1	1	1	1	1	1	1	1	2
21	2	2	1	1	1	3	4	4	3	1	1	1	1	0	1	1	1	1	1	1	****	1	1	1	1
22	1	0	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	4	3	2	2	2
24	1	1	1	1	1	3	2	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1
25	1	1	1	1	1	3	4	6	3	1	1	1	****	1	0	0	0	0	1	2	4	4	4	4	2
26	2	1	1	1	2	1	1	1	0	0	0	0	1	1	1	0	1	1	2	6	4	2	2	1	1
27	0	0	1	1	1	2	3	3	1	1	1	1	****	0	0	0	2	2	2	1	1	1	1	0	1
28	0	0	0	0	0	2	2	3	2	1	0	1	1	1	2	2	2	2	3	1	1	0	0	0	1
29	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0
MEAN	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	1	0	0	0
2	0	0	0	0	0	0	1	0	0	0	0	****	1	0	1	1	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	1	0	1	0	0	1	0	1	1	0	1	1	1	2	1	0	0	0	0	0
4	0	0	0	0	0	0	1	3	3	2	2	****	1	1	2	3	3	2	3	1	2	2	2	2	2
5	1	1	0	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	1	1	1	0	0	1
6	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1
9	1	1	1	1	1	1	1	1	1	2	-	****	1	1	1	1	1	1	1	1	1	2	2	3	1
10	2	1	-	1	1	****	3	2	2	1	1	2	1	2	2	2	2	2	2	1	2	1	1	1	2
11	1	1	1	1	2	4	7	5	3	2	2	2	2	****	****	2	2	1	1	1	1	1	1	1	2
12	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1
13	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
15	1	1	1	1	1	2	2	-	2	****	2	2	2	1	1	2	2	1	1	1	1	1	1	1	1
16	1	1	1	1	1	2	2	2	1	1	1	-	****	1	1	1	1	1	1	1	1	1	1	0	1
17	0	0	0	0	0	2	4	-	-	1	1	1	1	2	3	4	2	3	4	2	3	3	3	1	2
18	2	2	0	0	0	0	1	1	0	0	1	1	1	1	1	2	****	2	3	3	2	1	2	1	1
19	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	-	-	2	1	1	1	1	1	0	1
20	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	2	2	1	1	1	1	2	1	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1	0
22	1	0	0	0	0	3	5	5	2	0	0	0	0	0	0	0	1	2	1	1	1	0	1	0	1
23	0	0	0	0	0	3	2	2	1	0	0	****	****	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	****	-	-	-	1	1	2	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
28	1	1	-	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
29	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
30	1	1	1	0	0	1	2	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
31	1	0	1	0	0	1	2	1	1	1	1	1	1	****	1	1	2	1	1	1	1	1	1	1	1
MEAN	1	1	1	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	1	3	2	2	1	2	3	1	0	0	1
2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	5	5	1
5	3	2	1	1	1	1	5	5	5	2	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2
6	2	1	1	1	1	1	3	4	2	2	2	2	2	2	2	3	3	3	2	1	1	1	1	2	2
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	-	****	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	1
9	2	3	4	2	2	2	4	6	6	3	2	2	2	2	2	2	1	1	1	-	1	1	1	2	2
10	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	-	1	1	1	1	1	1	1	2	2	-	1	1	1	1	1	1	1	1	2	2	2	1
12	2	1	1	-	1	1	2	2	2	1	1	1	2	1	2	2	3	2	3	5	3	2	2	1	2
13	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1	2	2	2	2	2	2	3	1
14	1	1	2	1	1	1	3	1	2	1	1	****	1	1	1	1	1	2	2	2	2	2	2	2	1
15	2	2	2	2	2	2	4	6	5	2	2	1	1	1	1	2	2	3	2	2	2	2	1	1	2
16	1	1	1	1	1	1	3	4	2	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	4	5	1
18	8	8	4	5	4	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
19	0	0	0	0	0	1	2	2	2	1	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1
20	1	1	1	1	1	1	3	4	2	2	3	2	1	1	1	1	1	1	1	0	0	0	0	0	1
21	0	0	0	0	0	1	3	2	3	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1
22	0	0	1	1	1	1	3	6	8	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
23	1	1	1	0	1	1	2	4	3	2	2	2	2	2	3	5	6	5	3	3	2	2	1	1	2
24	1	-	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	1	2	****	2	4	1
25	6	6	6	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	2
26	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	1	1	1	1	****	1	1	1	1	1	1	1	1	2	1	1	1	1
28	1	1	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	****	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	1.4

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	1	2	2	1	2	2	1	1	1	****	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1
3	2	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	****	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	2	1	1	****	1	1	1	1	1	1	2	1	1	1	1	1	1
5	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	3	2	2	1	1	2	2	1	1	2	2	1	1	1	2	1	1	1	1
7	1	1	1	1	1	2	9	9	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	2	2	2	2	1	1	****	2	1	2	2	2	2	1	1	2	2	5	2
11	4	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	3	3	2	2	1	1	2	2	2
14	2	1	1	1	1	1	2	2	2	2	2	1	1	****	1	1	2	2	2	2	1	1	1	1	1
15	1	1	1	2	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
16	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
18	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	1	2
19	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	3	4	5	4	2
21	6	4	4	3	3	4	10	9	9	5	4	3	3	3	4	4	4	4	3	3	3	3	4	4	4
22	3	2	3	2	2	2	2	2	3	5	6	6	4	5	5	5	5	6	5	5	4	3	3	3	4
23	2	3	2	2	2	2	2	2	2	4	5	4	3	2	2	2	2	2	3	5	4	3	4	5	3
24	4	5	4	3	2	2	2	2	2	7	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3
25	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	1	2	2	2
26	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	2
29	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
30	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	2	2	3	2	4	8	7	4	3	2	3	2	2	2	3	3	4	8	7	6	6	-	4
MEAN	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	8	0.7	2	3
FEB	28	1.0	3	8
MAR	12	1.3	2	14
APR	30	0.9	2	7
MAY	9	1.4	2	5
JUN	30	2.0	3	6
JUL	31	0.8	1	4
AUG	31	0.6	1	5
SEP	30	1.1	2	9
OCT	31	1.0	2	7
NOV	30	1.4	2	8
DEC	31	1.8	4	10
YEAR	301	1.2	4	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	170	31	0	0	0	0	201
FEB	511	121	27	0	0	0	659
MAR	210	63	12	3	1	0	289
APR	613	85	13	0	0	0	711
MAY	145	78	6	0	0	0	229
JUN	194	474	28	0	0	0	696
JUL	647	73	3	0	0	0	723
AUG	678	52	4	0	0	0	734
SEP	581	111	17	1	0	0	710
OCT	596	113	8	0	0	0	717
NOV	506	163	35	0	0	0	704
DEC	336	347	49	5	0	0	737
YEAR	5187	1711	202	9	1	0	7110

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
81.2	0	0.0	0.1	0.5	0.9	1.9	2.6	3.6	4.5	14	1.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C ND 4611D QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	2	1	2	1	1	1	1	2	2	2	2	2	2	1	1	1	2	1	1	1
2	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1
3	1	1	1	1	1	2	2	2	2	1	1	2	2	1	2	2	2	2	2	2	1	1	1	1	2
4	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	1	2	2	2	1	1	1	1	1	1
5	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2
7	2	2	2	1	1	1	1	2	2	2	2	****	2	2	2	3	3	2	2	2	2	2	2	2	2
8	2	2	2	1	1	1	2	2	3	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
10	2	1	1	1	1	1	2	2	3	2	1	1	2	2	1	1	2	2	2	3	2	2	2	2	2
11	2	2	2	2	2	2	3	7	7	3	2	1	1	1	1	1	1	2	3	4	5	4	3	3	3
12	4	3	3	2	2	2	3	6	7	6	5	2	2	2	****	****	****	****	****	****	****	****	****	****	******
13												- DATA INVALID -													
14												- DATA INVALID -													
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	2	1	1	1	1	******
16	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	1	2	2	2	****	2	2	3	3	2
17	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	3	4	3	1	1	1	1	1	2
18	1	1	1	1	1	1	1	2	3	2	2	1	1	1	1	2	2	2	2	2	2	2	1	1	2
19	2	1	1	1	1	1	2	3	5	4	3	3	4	4	4	3	3	2	1	3	3	1	1	1	2
20	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	2	2	3	3	3	3	3	2	2	2
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	1	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2
24	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1
25	1	1	1	1	1	1	2	4	4	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
26	1	1	1	1	1	1	1	2	3	2	1	2	1	2	2	2	2	2	2	2	1	1	1	1	2
27	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1
28	1	1	1	0	D	0	D	D	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	D	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
31	1	1	1	1	1	1	1	2	3	1	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1
MEAN	2	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1.7

PERCENTAGE OF DATA VALID - 90.1 PERCENTAGE OF DATA INVALID - 9.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C ND 4611D QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	2	****	2	2	1	1	1	2
2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	5	2
3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2
4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	3	4	7	5	3	3	2	2	2	2	2	2	2	3	3	3	4	5	3
7	4	3	3	2	2	3	4	10	3	2	2	2	2	2	2	2	2	****	2	2	3	3	3	2	3
8	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	3	3	2	2	****	****	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	3	4	4	3	2	3	2
12	3	3	2	2	2	2	3	6	7	5	3	3	3	2	3	3	3	3	3	2	2	2	2	1	3
13	2	2	2	1	1	2	2	3	3	2	2	2	2	2	2	2	2	3	2	3	3	2	2	2	2
14	2	2	2	2	2	2	2	4	4	3	4	3	3	3	3	4	3	2	2	2	2	2	2	2	3
15	2	2	2	2	2	2	2	4	4	3	2	2	2	2	2	****	2	2	1	2	2	2	2	2	2
16	2	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	1	1	1	1	2	2	2	2	2	2	2	****	2	2	2	3	3	2	2	2	2	2	2
18	2	2	2	1	1	2	2	2	1	1	1	1	2	2	2	2	2	1	2	2	1	1	1	1	2
19	1	1	1	2	2	2	3	5	4	3	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2
20	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	5	2
21	4	3	3	2	2	2	3	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	3	2	3	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	5	4	4	4	2	2	2	3	3
24	2	2	1	2	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	2	4	3	2	2	2	2	****	2	2	3	3	2	2	2	2	2	1	2
27	1	1	1	1	1	1	2	3	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2
28	2	2	2	2	1	2	5	5	4	2	2	2	2	2	2	2	2	4	****	6	6	5	5	3	3
MEAN	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	1	1	2	2	2	2	1	2	2	2	2	3	5	5	5	2	3	2	2	2
2	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	****	2	2	2	2	2	2
3	2	2	1	1	1	1	2	5	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	1	1	1	2	1	1	2	2	2	2	2	4	3	2	3	2	3	3	3	3	2
5	2	1	1	1	1	1	1	2	2	1	2	2	1	1	1	1	2	2	****	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	5	9	9	3	2	2	2	2	2	2	2	2	****	3	2	2	2	3	3
8	4	3	2	2	2	2	3	5	5	4	2	2	2	2	2	2	2	3	2	2	2	2	2	2	3
9	2	2	1	1	2	2	2	4	5	3	2	2	****	2	2	2	3	2	2	2	2	2	2	2	2
10	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	****	2	2	2	2	1	1	2	2	2	2	1	2	1
12	2	1	1	1	1	1	2	2	2	1	2	2	1	1	1	1	2	1	2	2	2	2	2	3	2
13	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2	1	1	1	1	2
14	1	1	1	1	1	1	2	2	2	1	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	2	3	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2
16	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
17	4	2	3	2	2	2	3	5	2	2	****	****	2	2	2	2	2	2	2	3	2	2	3	4	3
18	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	4	4	2	1	1	2
19	1	1	1	1	1	2	4	5	2	1	1	1	1	1	1	1	1	1	2	3	3	3	2	3	2
20	3	3	2	2	1	2	3	4	3	2	2	2	2	2	2	2	2	2	3	6	2	2	2	2	2
21	1	1	1	1	1	2	3	6	5	4	2	2	****	2	2	2	2	2	2	4	4	4	4	5	3
22	4	2	2	2	1	1	2	3	3	3	3	2	2	2	2	2	2	2	3	****	3	2	2	3	2
23	3	4	4	3	2	2	3	7	4	2	1	1	2	2	2	2	2	2	2	2	4	3	2	2	3
24	2	2	1	1	1	1	1	1	1	1	1	2	2	4	5	4	2	3	3	3	2	1	1	1	2
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
28	2	2	2	1	1	2	2	3	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	2
29	1	1	1	1	1	2	1	3	2	2	1	1	2	2	2	2	3	3	2	2	3	3	2	2	2
30	2	1	1	1	1	1	1	2	2	2	1	2	2	2	2	2	3	6	3	6	8	7	5	3	3
31	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
MEAN	2	2	2	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	2	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	******
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	2	2	2	1	1	1	1	1	******
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
8	2	2	2	2	1	1	1	1	1	1	1	1	2	1	2	2	3	2	2	3	3	2	2	2	2
9	2	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	2	2	3	3	3	2	2	2
10	1	1	1	1	1	1	1	2	2	2	1	****	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	1	1	1	1	2	4	2	1	1	1	2	1	1	2	2	1	1	2	2	1	1	1	2
12	2	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	2	2	1	2	1	1	1	1	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1
14	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1	2	1	2	2	1	2	3	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	2	2	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
17	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	1	1	1	1	1	1	2	3	2	2	2	2	1	2	2	2	2	2	2	****	2	2	2	2	2
19	1	1	1	1	1	1	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	1	1	1	1	1	1	2	4	4	3	2	2	2	2	2	1	1	1	2	3	3	3	4	3	2
21	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
22	2	2	2	2	2	1	1	1	1	1	2	1	2	1	1	1	1	1	1	2	5	2	2	2	2
23	1	1	1	1	1	1	2	3	3	2	2	****	1	1	1	2	2	2	2	3	4	4	4	3	2
24	3	2	2	2	2	2	3	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	1	1	1	2	4	4	2	2	2	2	2	****	2	2	2	2	2	2	3	3	2	2
26	3	2	1	1	2	2	2	3	2	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2
27	2	2	1	1	1	1	2	2	2	2	2	1	2	2	2	2	3	3	3	2	2	2	1	1	2
28	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	2	2	3	4	4	3	2
29	2	1	1	1	1	1	1	1	1	****	2	1	1	1	1	1	1	1	2	2	2	2	2	1	1
30	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	1	2
MEAN	2	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 85.6 PERCENTAGE OF DATA INVALID - 14.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	1	1
2	1	1	1	1	1	2	4	3	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
3	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	****	3	2	2	2	1	1	1	2
4	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2
5	1	1	1	1	1	1	1	2	2	2	2	1	2	1	1	1	1	2	2	2	1	2	2	2	1
6	2	2	2	1	1	1	2	1	1	2	1	2	2	2	2	2	1	1	2	2	1	1	1	1	2
7	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1
8	1	1	1	1	1	2	4	3	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	3	2
9	3	2	2	2	2	3	6	4	3	2	2	1	1	1	1	1	1	1	1	2	2	2	1	1	2
10	1	1	1	1	2	3	4	3	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2
11	1	1	1	1	1	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
12	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
13	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
14	1	1	1	2	2	3	4	3	2	2	2	2	2	2	2	2	****	2	2	2	1	2	2	2	2
15	1	1	1	1	1	2	3	3	2	2	1	1	1	1	1	1	2	2	3	2	1	2	1	1	2
16	1	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	3	3	2	2	2
17	2	2	1	1	2	3	5	4	3	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	4	5	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
19	2	2	1	2	2	2	2	2	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	1	2
20	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	1	2	2	2	2	3	3	2	2
21	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1	1
22	1	1	1	1	1	3	4	3	2	2	1	1	1	1	2	2	1	2	2	2	2	2	1	1	2
23	1	1	2	2	2	4	4	3	2	2	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2
24	1	1	1	1	1	3	3	3	2	2	2	2	1	1	2	2	2	2	2	2	2	2	3	1	2
25	1	1	1	1	2	2	3	2	2	2	2	2	3	2	2	3	2	2	2	2	2	2	2	1	2
26	1	1	1	1	1	1	1	****	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2
28	2	2	2	1	2	3	3	2	2	2	2	1	2	2	2	2	2	2	3	3	2	2	2	2	2
29	2	2	1	2	2	3	4	3	2	2	1	2	2	1	1	2	1	2	2	2	2	2	2	2	2
30	2	2	2	2	2	3	3	3	2	2	1	1	1	1	2	2	2	2	2	2	2	2	3	3	2
31	2	2	2	2	2	4	5	4	2	2	1	1	1	2	2	2	1	2	2	2	3	3	3	2	2
MEAN	1	1	1	1	2	2	3	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	4	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2
2	2	2	2	1	1	2	2	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2
3	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	2	2	2	2	2	1
4	2	2	1	1	1	3	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	1	1	1	2
5	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	1	2	2	2	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
7	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	3	3	2	2
8	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	2	2	2	2	2	2	2	2	1	1	1	2	1	1	1	1	1	1	1	2	1	2	2	2
10	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
11	1	1	1	1	1	1	2	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	1	1	1	2	3	2	2	2	2	2	2	1	2	****	2	2	2	2	2	3	3	3	2
14	2	2	2	2	2	2	3	3	2	2	2	1	1	1	2	1	1	1	2	2	2	2	2	2	2
15	2	1	1	1	1	2	2	2	2	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	1
17	1	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
18	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	1	1
19	1	1	1	1	1	2	4	4	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
20	2	1	1	1	2	2	2	2	2	1	2	1	1	1	1	1	1	1	2	1	1	2	2	3	2
21	2	1	1	1	1	2	4	3	2	2	2	1	1	2	2	2	2	2	2	3	1	1	1	1	2
22	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2
26	2	2	2	1	1	3	4	4	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
27	2	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	1	2	2	1	2	2	2	2
28	1	2	1	1	1	2	3	3	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	3	2	2	2
30	1	1	1	1	1	1	1	2	1	1	1	2	2	2	1	1	1	1	1	2	2	1	1	1	1
MEAN	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARID MINISTRY OF THE ENVIRDNMENT - AIR RESOURCES 8RANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C ND 46110 QUEENSWAY WEST/HURDNTARIO ST.MISSISSAUGA MONTH - JUL 79

HDUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1	2	1
2	2	2	2	2	2	2	2	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	****	1	1	1	2	2	2	2
4	1	1	1	1	1	2	3	4	2	2	2	1	1	2	2	2	2	2	2	2	1	1	1	1	2
5	1	1	1	1	1	2	3	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1
6	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	1	1	2	2	2	2	2	1	1	2
7	1	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1
8	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	****	1	1	2	2	2	3	1
9	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2
1D	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1
11	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	2	2	2	****	2	2	2	2	2	2
12	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	1
13	2	2	2	1	1	2	3	4	2	1	1	2	2	1	1	1	1	1	1	1	2	3	4	4	2
14	3	3	2	2	2	1	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	****	2	1	2	2	2	2	2	2	2	3	3	2	2
16	1	1	1	1	1	2	2	3	2	1	2	1	2	2	2	2	2	2	1	2	1	1	1	1	2
17	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	3	2	2	2	2	2	2
18	1	1	1	1	1	2	3	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	1	1	2
19	1	1	1	1	1	2	2	2	1	1	1	2	1	1	1	1	1	1	1	2	2	3	2	2	1
20	1	1	1	1	1	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1
21	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	1	1	2	2	2	2	2	2
22	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
23	1	1	1	1	1	2	3	3	2	2	2	1	2	1	1	2	1	1	****	2	1	1	1	1	1
24	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1
26	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
27	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
28	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1	1
3D	1	1	1	1	1	2	2	2	1	1	1	1	****	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
MEAN	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1.5

PERCENTAGE OF OATA VALIO - 99.1 PERCENTAGE OF OATA INVALIO - 0.9 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES 8RANCH

POLLUTANT - CARBDN MDNOXIOE UNITS - PARTS/MILLION

STATION - C ND 46110 QUEENSWAY WEST/HURDNTARIO ST.MISSISSAUGA MONTH - AUG 79

HDUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	1	2	2	3	3	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1
3	2	2	2	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	1	2	2	2	1	1	2	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2
6	2	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	3	2	2	2	2
7	2	2	2	2	2	3	4	3	2	1	****	2	2	1	2	2	2	2	2	1	1	1	1	1	2
8	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2
9	2	2	2	2	3	4	5	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2
10	2	2	2	2	2	2	2	3	3	2	2	2	1	1	2	2	2	2	2	2	2	2	2	1	2
11	1	1	1	1	1	2	2	1	2	2	1	2	1	1	1	1	1	1	2	2	1	1	2	1	1
12	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	5	3	2	2
13	2	2	2	2	2	3	4	4	2	2	2	2	2	1	1	2	2	2	1	1	1	1	1	1	2
14	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
16	1	1	1	1	1	2	3	3	2	2	2	1	1	1	1	1	1	****	1	2	3	3	2	1	2
17	2	1	1	1	1	2	3	3	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	2	2	2	3	3	3	3	2
19	4	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	1	2
2D	1	1	1	1	1	2	3	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	3	3	2
21	2	2	1	1	1	2	3	4	2	2	2	1	1	1	1	1	1	1	1	2	4	2	1	1	2
22	1	1	1	1	1	2	4	4	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	2	3	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	2	2	2	1	1
27	1	1	1	1	1	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1
28	2	2	1	2	2	4	3	2	2	2	1	2	1	1	1	2	1	1	2	2	1	1	1	1	2
29	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
30	2	1	2	2	1	3	6	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	2	4	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
MEAN	2	1	1	1	1	2	3	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1.6

PERCENTAGE OF OATA VALID - 99.3 PERCENTAGE DF DATA INVALIO - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.D

NOTES 1. "*****" INDICATES INVALIO OATA DUE TD INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 4611D QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	2	2	2	2	2	2	1	2	1	1	1	1	1	2	2	2	2	2	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	2	3	3	3	2	1	1	1	1	1	1	****	1	1	2	2	2	3	3	2
5	2	2	2	2	2	2	5	5	2	1	1	1	1	1	1	1	1	1	2	2	3	3	3	2	2
6	2	2	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	2	2	2	1	1	1	1	****	2	1	2	2	2	1	1	1	1	1	1	1
8	1	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	2	2	1	1	1
10	1	1	1	1	1	2	2	2	1	1	1	1	2	1	2	2	2	2	1	1	2	2	2	1	1
11	2	1	1	1	2	3	5	5	3	2	2	2	2	2	2	2	2	2	2	2	3	5	6	4	3
12	4	3	2	2	2	3	7	8	2	2	****	1	1	1	1	1	2	1	2	2	2	2	2	1	2
13	1	1	2	2	2	2	4	3	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2
14	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
15	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	2	1
16	2	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	1	1	1
17	1	1	1	1	1	1	3	3	2	2	2	1	1	1	1	1	1	1	2	2	1	2	1	1	1
18	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
19	1	1	1	1	1	1	2	2	2	2	****	2	2	2	2	2	2	2	3	3	2	2	2	2	2
20	2	2	2	2	2	2	5	5	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	3	9	3	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	3
22	2	2	2	2	2	2	2	2	3	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
23													- DATA UNAVAILABLE -												
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	4	3	4	2	******
25	2	2	2	2	2	1	2	3	2	2	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2
26	1	1	1	1	1	2	3	2	2	1	1	1	1	1	1	2	2	2	3	4	4	4	3	2	2
27	2	2	1	1	1	3	6	7	4	3	2	2	2	2	1	1	1	2	2	3	5	3	3	3	3
28	3	3	2	2	2	3	5	4	4	2	2	1	2	2	2	2	2	2	3	3	3	3	3	2	3
29	3	2	2	2	3	3	3	3	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	3	3	1	1	1	1	2
MEAN	2	2	1	1	1	2	3	3	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 93.5 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 5.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 4611D QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	4	4	3	2	2	2	2	2	2	1	****	1	1	2	3	3	3	3	2
2	2	2	1	1	1	2	3	5	5	3	3	1	1	1	2	2	3	2	2	1	2	1	1	1	2
3	1	1	1	1	1	1	2	2	2	2	1	2	1	2	2	2	2	1	1	2	1	1	1	1	1
4	1	1	1	1	1	1	4	2	2	1	1	3	3	3	2	2	2	2	3	2	2	2	2	1	2
5	1	1	1	1	1	2	2	2	2	1	****	2	2	1	1	1	2	2	3	2	2	2	2	2	2
6	2	2	1	2	2	2	2	2	2	2	2	2	2	1	1	2	1	1	2	2	1	2	2	2	2
7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1
9	2	1	2	2	2	2	3	3	2	2	2	2	2	2	2	2	****	3	4	2	2	2	2	2	2
10	1	1	2	2	2	3	4	6	4	3	2	2	2	2	2	2	3	4	3	3	2	3	3	2	3
11	2	1	1	1	1	2	4	6	5	4	2	2	1	1	2	2	2	****	1	2	2	1	1	1	2
12	1	1	1	1	1	2	2	3	2	2	1	1	1	1	2	2	2	2	3	2	1	1	.1	1	2
13	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	1	1	1	2	2	4	3	2	2	2	2	2	1	1	2	2	2	2	3	2	2	2	2	2
16	2	2	1	1	1	2	3	3	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
17	3	3	2	2	2	3	4	5	5	3	4	4	4	4	4	5	5	4	5	5	7	6	7	8	4
18	5	3	1	1	1	2	4	5	4	2	2	2	2	1	2	2	2	2	2	3	2	3	2	2	2
19	1	1	1	1	1	2	2	2	2	2	1	2	2	****	2	3	3	2	4	3	2	1	2	1	2
20	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	1	2	1	1	2	2	2	2	2	2
21	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	3	2	1
22	1	1	1	1	1	2	5	7	6	2	2	2	****	1	1	1	1	2	4	3	3	3	3	2	2
23	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	****	1	1	1	1	1	1	1
25	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1
26	1	1	1	1	1	2	3	3	2	2	1	1	1	1	2	2	2	2	2	2	2	2	1	1	2
27	1	1	1	1	1	2	1	2	2	1	1	1	1	1	1	2	1	2	2	2	1	1	1	1	1
28	1	1	1	1	1	2	2	1	1	1	****	1	2	2	2	2	2	2	2	2	2	2	1	2	2
29	1	1	1	1	1	1	2	3	4	3	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2
30	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1
31	1	1	1	1	1	1	1	2	2	2	1	1	1	2	1	2	3	2	2	2	2	2	2	3	2
MEAN	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C ND 4611D QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	1	1	1	2	3	5	3	2	2	2	2	3	3	2	4	4	2	1	1	1	1	2
2	1	1	1	1	1	1	2	3	3	2	1	1	1	2	2	2	2	2	****	2	2	2	2	2	2
3	2	2	2	2	1	1	2	4	2	2	2	1	1	1	1	1	1	1	2	2	2	1	1	2	2
4	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	3	3	5	6	5	3	3	2
5	3	3	2	2	2	2	4	9	10	6	2	1	****	1	2	2	2	2	2	2	2	2	5	4	3
6	3	3	3	3	2	3	4	6	7	7	6	2	2	3	2	2	3	3	4	5	5	6	6	3	4
7	2	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2	2	2	2	1	1	2	2	2	2
8	2	2	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2
9	3	2	2	2	2	2	4	9	10	11	2	2	****	2	2	2	2	2	2	2	2	1	2	2	3
10	2	2	2	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	2	2
11	3	3	2	2	2	2	2	4	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	2
12	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	1	1	1	2	2	2	3	3	2
13	3	3	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	1	1	1	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
17	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	4	6	8	8	6	3	3	3
18	2	2	2	2	2	2	2	3	3	4	3	2	****	2	2	2	2	2	2	2	2	2	2	1	2
19	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	1	1	1	1	2	2	4	6	3	2	2	2	1	1	1	1	2	2	2	2	2	2	2	1	2
21	****	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	4	12	7	4	3	2	2	2	2	2	3	2	2	2	2	2	2	2	3
23	2	2	2	2	2	2	3	3	3	3	3	2	3	****	2	2	2	6	4	3	3	3	3	3	3
24	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	3	3	2
25	4	4	6	4	3	3	3	4	4	4	4	2	2	2	2	2	2	2	2	2	2	1	1	1	3
26	1	1	1	1	1	1	2	3	2	2	2	2	1	1	2	2	2	2	2	2	1	1	1	1	2
27	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	3	2	2	2
28	2	2	2	2	1	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2
29	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	1	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C ND 4611D QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2
2	2	2	2	1	1	1	1	1	1	1	2	****	2	2	2	2	3	2	2	2	3	3	3	3	2
3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	3	3	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	6	5	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	1	2	2	3	5	7	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2
8	1	1	1	1	1	1	1	1	1	1	****	****	1	1	2	2	2	2	2	1	1	1	1	2	1
9	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
10	1	1	1	1	1	2	2	6	4	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
11	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1
12	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	1	2	2	2	2	1	1	1	1	1
13	1	1	1	1	1	1	2	3	3	3	3	2	2	3	2	3	3	3	3	****	3	3	2	2	2
14	2	2	1	1	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	3	4	5	4	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2
17	1	1	1	1	1	1	1	3	6	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	2	3	3	4	2	3	2	1	1	2
19	1	1	1	1	1	1	1	2	4	2	1	2	2	2	****	2	2	2	2	2	2	2	1	2	2
20	2	1	1	1	1	1	2	3	3	3	3	3	3	4	4	4	7	12	14	12	10	6	5	4	5
21	4	5	4	3	3	3	4	8	11	11	****	8	5	2	1	1	3	3	3	5	3	3	2	2	4
22	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	4	3	3	3	3	2
23	3	2	2	2	2	2	1	2	3	2	3	2	3	2	2	2	2	2	3	2	2	3	3	4	2
24	3	2	1	1	2	2	2	2	2	1	1	2	1	1	1	1	2	1	1	1	2	2	2	2	2
25	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	3	3	2	3	1
31	3	3	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	3	3	3	2	1	2
MEAN	2	2	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	27	1.7	3	7
FEB	28	2.2	3	10
MAR	31	1.9	3	9
APR	25	1.7	2	5
MAY	31	1.8	2	6
JUN	30	1.5	2	4
JUL	31	1.5	2	4
AUG	31	1.6	2	6
SEP	28	1.7	3	9
OCT	31	1.8	4	8
NOV	30	2.0	4	12
DEC	31	1.9	5	14
YEAR	354	1.8	5	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	316	336	18	0	0	0	670
FEB	68	555	40	1	0	0	664
MAR	260	428	45	2	0	0	735
APR	283	319	14	0	0	0	616
MAY	257	467	17	0	0	0	741
JUN	402	307	6	0	0	0	715
JUL	395	338	4	0	0	0	737
AUG	396	326	17	0	0	0	739
SEP	319	327	26	1	0	0	673
OCT	319	375	42	0	0	0	736
NOV	240	423	45	6	0	0	714
DEC	315	387	29	5	1	0	737
YEAR	3570	4588	303	15	1	0	8477

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
96.8	0	0.2	0.7	1.2	1.6	2.2	2.8	3.8	4.8	14	1.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO S1001 MCDONALD GON RIDEAU/WURTEMBURG ST.OTTAWA MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	1	2	1	1	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	0	0	1
2	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	3	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	2	1
6	1	1	2	1	1	1	1	3	1	2	2	2	2	2	2	2	2	2	2	1	2	2	1	1	2
7	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	1	1	2	1	1
8	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	1
9	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
11	1	1	1	1	1	1	1	1	2	2	1	1	2	1	2	2	2	3	4	5	5	3	2	5	2
12	2	2	2	1	1	1	2	2	2	2	2	1	2	2	2	****	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	2	1	1	1	1	1	1	1	1	1	2	4	3	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	1	2	3	2	1	1
16	1	1	1	1	1	1	1	2	2	2	1	1	1	****	1	1	****	1	1	2	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	3	3	2	2	3	2	2	2	2
20	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	2	5	4	1	2	3	1	1	2	3	2	1	1	1	1	1	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
28	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO S1001 MCDONALD GON RIDEAU/WURTEMBURG ST.OTTAWA MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	1	1	1	1	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0
2	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0
4	1	2	2	1	1	0	1	1	0	1	0	0	1	1	0	0	1	0	0	0	1	1	1	2	1
5	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
7	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	****	****	****	1	1	1	1	0
8	1	1	1	1	1	1	1	1	2	1	1	1	0	0	0	1	1	1	1	0	0	1	1	1	1
9	0	0	1	0	0	0	1	1	1	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1
10	1	1	0	1	1	0	1	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1
11	1	1	0	0	1	0	0	1	1	1	0	1	0	0	1	1	0	0	1	1	1	1	1	2	1
12	1	1	1	1	1	1	2	2	2	3	4	2	2	2	1	1	1	1	2	1	1	1	1	1	2
13	1	0	1	1	1	1	1	1	1	1	1	0	****	0	0	0	0	0	0	1	1	0	1	0	1
14	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
15	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	1	1	1	0	1	0	1	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0
18	2	2	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	1	1	1	2	1	1	1	1
19	1	1	1	1	1	1	1	2	3	1	1	1	1	2	****	1	2	2	4	3	2	3	3	4	2
20	3	3	3	2	2	2	2	4	4	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	3	2	2	2	2	1	2	2	2	3	3	3	3	3	2	1	1	2
22	1	1	1	1	1	1	1	2	2	1	1	1	2	1	****	****	****	****	****	****	****	****	****	****	******
23	****	****	****	****	****	****	****	****	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	1	2	2	3	2	2	2	3	3	******
MEAN	1	1	1	1	1	0	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 78.1 PERCENTAGE OF DATA INVALID - 21.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO S1001 MCDONALD GON RIDEAU/WURTEMBURG ST,OTTAWA MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	1	1	1	0	1	****	1	1	1	1	1	1	1	1	1	0	1
2	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	1	2	2	2	1	1	1	1	1	1
3	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2	1	2	2	1
4	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	1	1	2	1	2	1	1
5	1	1	1	1	1	1	1	3	3	2	2	2	3	3	2	2	2	2	2	2	1	2	2	2	2
6	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	2	3	2	2	2	2	2
7	2	2	1	2	2	2	2	3	3	2	2	1	2	1	1	1	1	1	1	2	2	1	2	1	2
8	1	1	1	1	1	1	1	1	2	1	1	0	1	1	1	1	1	1	1	2	1	1	1	1	1
9	1	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	2	2	2	2	2	1	2	1	1
10	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
11	1	0	0	0	1	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0
12	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0
13	1	1	1	1	0	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
14	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	****	****	1	1	0	0	1	0	1
15	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1
16	1	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	2	1	1	1	1	1
17	1	1	2	2	1	1	1	1	1	1	1	1	2	1	1	1	2	1	2	3	4	4	3	1	2
18	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	3	4	4	4	1
19	2	1	1	1	2	1	1	2	2	1	1	1	1	1	1	1	2	2	2	3	2	2	1	****	1
20												- DATA INVALID -													
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	1	1	****	1	3	4	3	2	2	******
22	2	1	1	1	2	1	1	2	3	3	1	1	1	1	1	2	2	3	4	4	5	4	4	5	2
23	3	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	4	5	3	2	2	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1
29	1	1	1	1	1	1	2	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1
30	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	2	2	3	4	5	4	5	2	1	1	1	0	1	0	0	1	0	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1.1

PERCENTAGE OF DATA VALID - 94.1 PERCENTAGE OF DATA INVALID - 5.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO S1001 MCDONALD GON RIDEAU/WURTEMBURG ST,OTTAWA MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
3	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	2	2	2	2	1
4	2	1	1	1	0	0	0	1	0	1	0	****	1	1	1	1	1	1	1	1	1	1	0	0	1
5	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	1	1
8	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	1
9	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	2	2	1	1	1	1	1
12	1	1	1	1	1	1	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
13	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	0	0	0	0	0	0	1	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
17	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	0	0	1	0	0	0	1	0	0	0	****	0	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	5	3	2	1
21	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
23	1	1	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1
24	1	1	1	1	2	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	2	1	1	1	1	1	2	1	2	1
26	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	2	1	1	1	1	1	1	0	0	1
27	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	0	0	1
28	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO S1001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	1	1	1	1	1	1	1	0	1	****	****	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1
6	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
7	2	1	2	1	1	1	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	1	1	2	2	2	2	2	2	2	1	2	2	1	1	****	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
10	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	0
11	1	1	1	0	1	1	1	1	1	1	1	****	****	****	****	****	0	0	0	0	1	1	0	0	1
12	0	0	1	1	0	1	1	1	1	1	1	1	2	1	1	1	1	1	0	1	1	1	2	1	1
13	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	0	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	2	2	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	1
16	0	0	0	0	0	0	1	0	0	0	****	****	****	****	1	1	0	1	1	1	1	2	2	1	1
17	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
18	1	1	1	0	1	1	1	2	1	1	1	0	0	0	1	1	1	1	1	2	1	1	2	2	1
19	2	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1
20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
21	1	1	1	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	1	1	1	1	1	0	1
22	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	0	0	1	1	2	2	1	1
23	1	1	1	1	0	1	1	1	1	1	0	1	****	0	1	****	****	0	0	0	0	1	1	0	1
24	0	0	0	0	0	0	0	0	0	****	****	****	****	****	0	0	0	0	0	1	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	1	0
27	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0
29	1	1	1	1	1	1	1	2	1	****	1	1	0	0	0	1	1	1	1	0	1	0	0	1	1
30	0	0	0	0	0	1	1	2	1	1	1	1	1	0	0	0	0	0	0	0	1	1	2	1	1
31	0	0	0	0	0	1	1	1	1	0	0	****	0	0	0	0	0	0	0	1	1	1	2	1	0
MEAN	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 3.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO S1001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	9	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
6	1	1	0	0	0	0	1	1	1	****	1	0	0	0	0	0	1	0	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0	1	1	1	1	1	0	1	0	1
8	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0
11	0	0	0	0	0	0	1	1	1	0	0	****	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
14	2	2	1	1	1	1	3	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	3	3	3	1
17	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
19	1	1	1	1	1	1	2	1	1	1	****	0	0	0	0	0	0	0	0	0	2	1	2	2	1
20	1	1	0	0	0	1	1	2	1	0	0	0	0	0	0	1	1	1	1	1	1	2	2	1	1
21	1	1	0	0	1	1	1	1	1	0	1	1	0	0	0	1	1	1	1	1	1	1	1	0	1
22	0	0	0	0	0	0	1	1	1	****	****	1	1	0	1	1	1	1	1	1	1	1	1	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0
24	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	1	1	2	2	2	1
26	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	2	1	****	****	0	0	0	0	0	****	****	****	****	****	****	****	****	****	******
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	******
29	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	0
30													- DATA INVALID -												
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 91.4 PERCENTAGE OF DATA INVALID - 8.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 51001 MCOONALD GDN RIOEAU/WURTEMBURG ST.OTTAWA MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	1	0	1	1	******
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0
3	0	0	0	0	0	0	1	1	1	0	0	****	0	0	0	****	****	****	****	1	1	1	1	1	0
4	0	0	****	****	1	****	:	1	0	****	****	0	****	0	0	0	0	0	****	****	****	1	1	1	******
5	****	****	1	1	1	1	1	1	1	1	****	0	0	0	0	0	0	0	0	1	1	1	0	1	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
9	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
10	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
11	0	0	0	0	0	1	1	1	****	0	****	1	1	1	1	1	1	1	1	1	1	2	3	2	1
12	2	2	2	1	1	1	1	2	2	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	1
14	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0
18	1	0	0	1	0	0	1	1	1	****	****	****	0	0	0	0	0	0	0	0	1	1	0	0	0
19	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
21	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
23	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
28	2	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	2	1	1	1	2	2	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	1
30	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	2	2	2	2	2	3	2	****	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 94.0 PERCENTAGE OF DATA INVALID - 6.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIOEAU/WURTEMBURG ST.OTTAWA MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	1	1	1	1	1	1	1	1	2
3	1	1	1	1	1	2	2	2	1	****	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2
4	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	3	3	3	2	2
5	2	2	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	1
6	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
7	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1
9	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
10	2	1	1	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	1	1	2	2	2	2	2	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	****	****	****	1	1	1	1	1	1	1	1	1	1	2	2	2
16	1	1	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	1
17	2	2	2	2	2	2	2	5	4	2	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2
18	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	3	3	3	2	2	2
20	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
21	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	2	2	2	1	****	****	1	1	1	1	1	1	1	1	2	2	2	2	1	1
23	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	3	2	2	2	2	1	1	2
24	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
27	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
28	1	1	1	1	1	2	3	3	2	****	****	1	1	0	1	1	1	1	1	1	1	1	1	0	1
29	1	0	0	0	0	1	2	3	2	1	1	2	2	2	1	2	2	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1.4

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO S1001 MCDONALD GON RIDEAU/WURTEMBURG ST.OTTAWA MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1	2	3	4	3	3	2	2
5	2	2	2	2	2	2	3	3	2	2	1	1	1	1	1	2	2	2	3	3	3	2	2	1	2
6	2	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
7	1	2	2	2	2	2	3	2	****	****	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
9	2	2	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	2	2	2	2	1	1	1
10	1	1	1	1	1	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1
11	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	-	1	1	1	2	1	1	2	2	1
12	1	2	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	1	2
13	1	1	1	1	1	2	2	2	2	****	****	1	0	0	0	0	0	0	1	0	0	0	0	0	1
14	0	0	0	0	0	0	0	1	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	****	****	****	****	0	0	0	0	1	1	0	0	0	0	0
17	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	****	0	0	0	0	0
19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	0
20	0	0	0	0	0	1	2	3	1	****	0	0	0	0	0	1	1	1	1	1	0	0	1	0	1
21	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	4	****	3	2	1	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	1	0
24	1	0	0	0	0	0	1	1	2	1	1	0	0	0	0	0	1	1	2	2	2	2	3	3	1
25	2	1	0	0	1	1	2	2	2	1	0	0	0	0	0	0	0	1	0	1	1	1	0	0	1
26	0	0	0	0	0	0	2	1	0	****	****	****	1	1	1	1	2	2	3	3	3	3	3	3	1
27	3	3	2	2	3	2	3	4	3	3	3	2	2	2	2	2	2	2	2	2	3	3	2	2	2
28	2	2	2	2	2	2	3	4	3	3	3	3	2	3	2	3	3	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 2.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO S1001 MCDONALD GON RIDEAU/WURTEMBURG ST.OTTAWA MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	3	2	2	2	3	3	2	2	2	2	2	3	3	2	2	2	2	2
2	2	2	2	2	2	2	2	2	2	2	****	0	0	0	0	0	0	0	1	2	1	0	0	0	1
3	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	0
4	1	0	0	0	0	0	1	1	0	****	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1
7	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
8	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	-	****	1	1	1	1	2	2	1	1	1	1	1	1	1
10	1	1	-	1	1	****	1	3	3	2	2	1	2	2	2	2	2	2	3	2	2	2	2	2	2
11	1	1	1	1	1	1	2	2	1	9	1	1	1	1	****	1	1	1	3	2	2	2	1	1	2
12	1	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1
13	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	-	1	1	****	5	3	2	2	2	2	2	2	2	1	1	2	1	2
16	1	1	1	1	1	1	2	2	2	1	1	-	2	2	2	2	3	3	3	5	4	4	5	3	2
17	3	2	2	1	1	1	2	-	-	2	2	2	3	3	3	4	4	4	4	3	3	3	3	2	3
18	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	4	4	5	5	4	3
19	3	2	2	2	2	2	2	3	3	2	2	3	2	2	3	-	-	3	3	3	3	3	3	3	3
20	4	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	3	2	2	3	3	3	2	2	3
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	1	2	2	2	3	4	3	2	2	2	2	2	2	2	2	3	3	4	3	2	2	2	2
23	2	2	2	2	2	2	3	5	1	****	1	1	1	1	1	1	1	1	2	1	2	2	2	1	2
24	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	2	1	2	1	1	-	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	0	1	1	1	1	1	1	1	1	1	1	-	-	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	2	1	****	1	1	2	1	2	2	2	2	2	1	1	1	1	1
30	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	2	2	3	2	2	3	2	2	2	2
31	2	2	2	1	1	1	2	3	3	2	2	2	2	2	2	2	3	3	2	3	2	2	3	2	2
MEAN	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO S1001 MCDONALD GON RIDEAU/WURTEMBURG ST,OTTAWA MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	3	4	3	2	2	2	2	1	1
2	0	0	0	0	0	0	0	1	0	1	1	0	1	1	1	1	2	2	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	2	5	3	3	1	1	1	1
4	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1
5	1	1	1	0	0	0	1	2	3	1	1	1	1	1	1	1	2	2	2	2	2	3	3	2	1
6	2	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	3	3	2	2	2	1	1	1	1
7	1	1	0	0	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
8	0	0	0	0	0	0	1	1	2	1	****	****	1	1	1	1	1	1	1	1	0	0	0	0	1
9	0	0	0	0	0	0	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1
11	2	3	3	2	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	0	1	1	1	2	1	1	1	0	0	0	1	1	2	2	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
14	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	0	0	0	0	0	0	1	3	3	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
16	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1
17	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	0	1
21	0	0	0	0	0	0	1	2	1	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1
22	0	0	0	0	0	0	0	1	1	****	****	2	2	4	****	2	4	1	2	4	3	2	2	3	2
23	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
24	1	1	1	1	0	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1
25	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0	1
26	0	0	0	0	0	0	0	1	1	1	1	1	2	2	1	3	5	4	1	1	1	1	1	1	1
27	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
28	1	1	1	0	0	0	0	1	1	1	****	1	1	1	1	1	1	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
30	0	1	1	0	0	0	0	1	1	0	0	1	1	1	1	1	2	2	0	1	1	0	1	1	1
MEAN	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO S1001 MCDONALD GON RIDEAU/WURTEMBURG ST,OTTAWA MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
2	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1
4	0	1	0	0	0	0	0	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	0	0	0	0	1	2	2	1	1	1	2	2	3	3	4	3	2	1	1	1	1	1
6	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	1	1	1	1	1	2
7	1	1	1	1	1	1	1	2	3	2	2	1	1	2	2	2	2	2	1	1	1	1	1	1	1
8	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	0	1	0	1	1	1	1	1	****	1	0	0	0	0	1	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
12	1	1	1	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	0	1	0	0	1	0	1
13	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
14	0	1	1	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
18	0	0	0	0	0	0	0	1	1	0	****	****	****	****	****	****	****	****	****	2	2	1	1	1	******
19	1	0	0	0	0	0	0	1	1	1	****	****	0	1	1	1	1	2	2	1	1	1	1	1	1
20	1	1	0	0	1	1	1	2	2	1	****	1	1	1	0	1	0	1	1	1	1	1	1	1	1
21	1	1	0	0	0	0	0	1	2	2	2	2	1	2	1	1	1	1	2	2	2	1	2	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	0	1	1	2	1	2	2	2	2	1	2	2	1	1	1	2	1	1
24	1	1	1	1	1	1	1	0	1	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1
27	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	1	0
31	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	3	2	1	1	2	1
MEAN	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.0	2	5
FEB	21	0.8	2	4
MAR	29	1.1	2	5
APR	30	0.8	1	5
MAY	31	0.7	2	3
JUN	27	0.8	1	9
JUL	29	0.7	2	3
AUG	31	1.4	2	5
SEP	30	1.0	2	4
OCT	31	1.6	3	9
NOV	30	0.9	2	5
DEC	30	0.7	2	4
YEAR	350	1.0	3	9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	617	115	8	0	0	0	740
FEB	437	83	5	0	0	0	525
MAR	539	143	18	0	0	0	700
APR	687	29	1	0	0	0	717
MAY	670	52	0	0	0	0	722
JUN	618	38	1	1	0	0	658
JUL	615	84	0	0	0	0	699
AUG	430	304	2	0	0	0	736
SEP	490	207	4	0	0	0	701
OCT	393	312	18	1	0	0	724
NOV	613	94	7	0	0	0	714
DEC	658	71	1	0	0	0	730
YEAR	6767	1532	65	2	0	0	8366

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
95.5	0	0.0	0.1	0.4	0.8	1.6	1.9	2.5	2.9	9	1.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO S60S1 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	2	****	-	-	-	-	-	-	****	0	0	0	0	0	1	1	1	0	0	0	0	0
2	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	-	-	-	0	0
3	****	****	****	****	****	****	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	1	0	0	0	0	****	0	0	0	0	0	0	0	0	****	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	-	-	-	0	0	0	0
12	0	1	1	1	0	0	1	3	4	2	****	0	1	0	1	2	3	3	3	2	2	1	1	1	1
13	1	1	1	0	0	0	0	0	0	-	1	1	1	1	1	1	1	1	1	1	0	0	****	0	1
14	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4	3	2	2	2	1	1	1	1
18	1	1	1	1	1	1	1	2	2	1	-	-	0	1	1	1	2	2	2	2	2	2	2	1	1
19	1	1	1	1	1	1	1	2	2	2	2	1	-	1	1	2	2	3	2	3	3	3	2	2	2
20	2	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2
21	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	3	3	2	2	2	2	2	1	2
24	1	1	2	2	2	2	2	2	-	-	****	2	2	2	2	2	2	2	2	2	2	2	1	1	2
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	3	2	2	2	2	2	2	2	2
27	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	1	1	1	1	2	1	1	2	1	2	1	2	2	2	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	****	0	0	0	0	0	-	0	0	0	0	0	0	1
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 94.6 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 2.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO S60S1 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	1	0	0
2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	1	1	0	0	1	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	1	0	1	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
7	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	0	1	0	0	1	0
8	1	1	1	1	1	0	0	0	1	0	0	0	1	0	0	1	1	1	1	0	0	****	8	0	1
9	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
10	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	0
13	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	****	0	0	0	0	1	0
14	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
15	0	0	0	0	0	0	1	1	1	0	0	5	0	0	0	0	0	1	-	1	1	0	0	0	0
16	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	1	0	1	1	1	0	-	0
17	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
18	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	-	1	1	****	0
19	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
20	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	4	1	1	0	0	0	1	3	5	1
21	3	3	2	1	1	1	1	2	3	1	1	1	1	1	1	1	2	2	1	1	0	0	0	0	1
22	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	1
23	3	2	1	1	0	0	1	1	1	1	0	****	1	1	2	1	1	4	2	1	1	2	1	1	1
24	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	2	2	1	1	1	0	0	1
25	0	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	****	0	0	0	1	1	0	1
27	0	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
28	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	0.5

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 560S1 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	****	0	0	0	****	1	1	1	-	****	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5	8	10	8	2	2
4	2	3	3	2	1	1	1	0	1	1	1	1	1	0	0	0	1	1	1	2	2	2	3	2	1
5	1	0	0	0	0	0	2	6	11	12	5	10	12	8	1	0	0	0	0	0	0	0	0	0	3
6	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	1	1	1	1	1	1	0	0
7	-	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	3	2	1	1
8	1	0	1	1	1	1	1	2	1	1	0	0	0	****	0	0	1	1	2	3	4	3	2	1	1
9	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	2	3	2	1	1	1	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	1	0	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	-	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
14	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	****	****	****	****	****	0	0	0	1	1	0	0	1	0	0	1
16	0	0	0	0	0	-	0	0	1	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	1	0	1	1	0
18	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	3	1	1
19	0	0	0	0	0	1	1	2	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
20	2	3	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
21	****	****	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	3	6	7	6	1
22	5	2	1	1	0	0	1	1	1	0	0	1	****	****	****	0	0	0	0	1	2	4	3	2	1
23	1	1	1	1	0	0	1	2	2	1	****	****	****	****	****	****	****	****	****	****	****	0	2	2	******
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	1	1	1	0
27	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	-	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	2	2	1	0.9

PERCENTAGE OF DATA VALID - 92.2 PERCENTAGE OF DATA INVALID - 7.1 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO 560S1 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	2	2	1	1	****	****	2	2	2	2	2	2	2	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	2	2	1	3	3	1
4	1	1	1	1	1	2	3	3	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1
5	1	1	1	1	1	****	1	1	-	-	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	2	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
11	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
14	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	****	1	1	****	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	1	1	1	1	2	2	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	****	-	-	1	1	1	1	1	1	1	****	1	1	1
19	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	4	4	1
20	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
21	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	****	0	1	1	1	1	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	****	****	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO S60S1 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	8	7	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	2	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0
12	1	1	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	1	0	0	****	1	1	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	****	0	0	0	****	****	****	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	-	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
19	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	****	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	1	0	0	0	0	0	0	0	0
25	0	0	0	0	-	****	0	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	****	1	1	1	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO S60S1 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	0	0	0	1	1	****	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	****	****	0	0	-	1	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0
7	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0
10	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	-	-	1	1	1	1	1	0
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	0	1
13	1	1	1	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1
14	1	1	1	1	****	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
15	0	0	0	0	0	1	1	1	1	0	****	****	1	1	1	1	1	1	1	1	1	1	0	0	1
16	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	0	0	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
18	1	0	0	0	0	0	1	1	1	1	****	1	1	1	1	1	0	0	1	2	2	2	1	1	1
19	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	3	3	2	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	-	1	1	1	1	1	0	0	1
23	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
24	1	1	****	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
25	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	-	2
30	3	3	3	3	2	3	3	2	3	3	3	3	3	3	3	-	3	3	3	3	3	3	3	3	3
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO S6051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	2	2	3	3	3	2	3	3	2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	2
3	2	3	3	3	3	3	3	3	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	****	****	0	0	****	0	0	0	****	0	0	0	0	0	0	0	0
10	0	****	****	****	****	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
11	****	****	****	****	****	****	0	0	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	******
12	0	****	****	****	****	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1
13	0	0	0	0	0	0	1	1	1	1	****	0	0	0	1	1	1	1	1	2	1	2	3	1	1
14	1	1	1	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	2	1	1	1	1	1
15	2	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	1	0	0	****	0	****	****	****	1	1	****	****	****	****	****	1	****	****	****	******
17	****	****	****	****	****	****	****	-	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1
23	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	2	2	3	2	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	1
30	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 92.6 PERCENTAGE OF DATA INVALID - 6.9 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO S6051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	****	1
2	2	1	1	1	1	2	2	2	****	****	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
3	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
6	1	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	0	1	1	1	****	****	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	****	0	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	2	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
23	2	2	1	1	1	1	2	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
25	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0
27	0	0	****	0	0	0	1	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO S60S1 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	1	0	****	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1
6	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
9	1	1	1	1	2	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
11	2	2	2	1	1	1	1	1	****	****	1	1	1	1	1	-	1	1	1	1	1	1	2	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
13	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
14	1	1	1	1	1	1	1	2	1	1	1	****	****	1	2	1	2	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	****	****	1	1	0	1	1	****	1	1	1	1	****	0	0	0	0	1
19	0	0	0	0	0	1	1	1	****	1	1	1	1	1	1	1	1	****	1	****	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
24	1	1	1	2	2	3	5	5	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	2
25	1	1	1	1	1	1	2	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO S60S1 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1	1	1	1
2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	1	1	1	2	2	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1
5	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
9	2	1	1	1	1	1	1	2	1	1	-	****	1	1	1	2	2	1	1	1	1	2	1	1	1
10	1	1	-	1	1	****	2	2	****	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	2	2	2	2	2	2	2	1
12	2	1	1	1	1	2	3	1	1	2	1	2	2	3	2	2	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	2	2	2	1	****	1	-	1	1	1	1	1	2	5	5	6	6	6	4	2
17	3	2	2	2	2	4	6	-	-	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	6	8	9	10	4	4	3
19	2	2	3	2	2	2	5	5	3	1	1	1	1	1	1	-	-	3	4	4	1	1	1	1	2
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	1	1	1	1	0	0	1	0	1	1	1	1	2	3	6	4	3	3	1	1
23	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	-	-	-	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	0	2	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	2	1	2	2	2	2	2	1
29	2	2	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	1	1	1	2	1	2
30	1	1	2	1	1	1	1	2	2	1	****	1	1	1	1	1	1	3	2	3	5	4	3	2	2
31	2	1	3	3	2	2	3	3	3	2	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2
MEAN	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1.3

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY DF THE ENVIRONMENT - AIR RESDURCES BRANCH

PDLLUTANT - CARBDN MONDXIOE UNITS - PARTS/MILLIDN

STATION - SE ND 56DS1 MEMORIAL PARK YORK/THIRO ST., CORNWALL MONTH - NOV 79

HDUR / OAY	1	2	3	4	S	6	7	8	9	1D	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	2	2	1	2	2	3	2	2	1	2	1	2	2	2	4	6	10	13	7	3	2	3
2	1	1	1	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	1	1	1	-	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
S	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	3	S	S	7	8	9	8	3
6	6	4	3	2	1	1	1	3	7	3	1	1	1	1	1	2	2	2	2	2	2	2	1	1	2
7	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
8	1	1	1	1	1	-	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	-	1	1	1	1	1
1D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	2	1	2	1
11	1	2	-	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	2	1
12	1	1	1	-	1	1	1	2	2	1	1	1	2	1	2	1	1	1	2	2	2	2	2	2	1
13	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	1	1	2
14	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	0	****	****	2	1	2	2	2	2	1	1	1	1	1	1	1
2D	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	2	2	1	1	1	1	1	1	1	2
21	1	1	1	1	2	1	1	1	2	1	1	1	1	1	1	1	2	-	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	2	3	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
23	1	1	1	2	3	2	2	2	2	2	2	2	2	7	3	3	3	3	2	2	2	2	2	2	2
24	2	-	2	2	2	1	1	2	2	2	4	3	1	1	1	1	1	1	1	1	1	****	1	1	2
25	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	****	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	-	****	1	1	1	1	1	1	1
3D	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1.4

PERCENTAGE DF DATA VALIO - 97.5 PERCENTAGE DF DATA INVALIO - 1.3 PERCENTAGE OF OATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALIO OATA OUE TD INSTRUMENTATIDN FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARID MINISTRY OF THE ENVIRDNMENT - AIR RESDRCES BRANCH

PDLLUTANT - CARBDN MONOXIOE UNITS - PARTS/MILLION

STATIDN - SE NO S6OS1 MEMORIAL PARK YORK/THIRO ST., CORNWALL MONTH - OEC 79

HOUR / DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	2	2	2	2	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	****	2	2	2	2	2	2	2	1
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	3	3	5	7	3	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	****	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2	3	2	2
1D	2	2	2	2	2	2	2	3	3	3	2	3	2	2	3	3	3	3	3	3	2	2	2	2	2
11	2	2	2	2	2	2	3	3	4	5	****	2	3	4	4	4	6	9	7	S	1	1	****	1	3
12	1	1	1	1	1	1	1	1	1	1	D	1	1	****	1	1	1	1	1	1	1	1	1	1	1
13	1	1	O	D	O	O	D	1	1	1	1	1	1	1	1	2	B	2	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	2	2	****	1	1	****	1	****	2	2	1	1	1	1	1	1	1
1S	1	1	1	1	1	1	2	3	3	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	****	1	2	1	2	2	2	1	1	1	2	2	2	1	1
18	1	1	1	1	1	1	1	2	2	1	1	2	2	3	2	2	2	2	2	2	2	3	2	2	2
19	2	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	2	3	2	2	2	5	2	2	2
2D	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	3	3	3	2	2	2	3	3	2
21	3	3	2	2	2	2	2	3	4	3	2	2	2	2	2	2	4	5	6	7	7	5	4	6	3
22	6	S	6	5	4	3	3	3	3	2	2	2	2	2	2	2	3	3	2	3	3	3	3	3	3
23	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	3	2	1	2
24	1	1	1	1	1	1	1	1	1	****	2	2	2	2	3	3	2	2	2	2	2	2	1	1	2
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	1	1	-	1
MEAN	2	2	2	1	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE DF OATA VALID - 97.8 PERCENTAGE DF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATIDN FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO S6051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.7	2	4
FEB	28	0.5	1	8
MAR	29	0.9	3	12
APR	30	0.9	1	4
MAY	31	0.2	1	8
JUN	30	0.8	3	4
JUL	29	1.0	2	3
AUG	31	0.8	1	3
SEP	30	1.0	2	5
OCT	31	1.3	3	10
NOV	30	1.4	3	13
DEC	31	1.7	3	9
YEAR	361	0.9	3	13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - SE NO S6051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	573	128	3	0	0	0	704
FEB	633	20	7	0	0	0	660
MAR	588	80	13	5	0	0	686
APR	648	47	3	0	0	0	698
MAY	719	2	2	0	0	0	723
JUN	639	53	2	0	0	0	694
JUL	602	87	0	0	0	0	689
AUG	703	25	0	0	0	0	728
SEP	655	46	2	0	0	0	703
OCT	580	122	20	2	0	0	724
NOV	544	141	14	3	0	0	702
DEC	367	333	27	1	0	0	728
YEAR	7251	1084	93	11	0	0	8439

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 50	70	90	95	98	99	MAX	ARITH MEAN
96.3	0	0.0	0.0	0.4	0.7	1.4	1.9	2.7	3.5	13	0.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	****	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	4	4	4	5	-	-	-	4	2
3	1	2	1	2	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	7	11	0	0	0	0	0	0	0	****	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	2	3	3	3	3	2	2	1	1
8	1	0	0	0	0	0	0	1	1	1	1	0	****	****	1	1	1	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	****	3	****	0	0	1	1	1	1	1	0	****	0	0
11	0	0	0	0	1	0	1	2	4	5	4	3	2	2	1	1	2	5	-	-	-	5	4	3	2
12	2	2	1	0	0	0	0	0	2	1	1	0	1	1	1	1	1	1	-	-	1	0	0	0	1
13	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	5	2	2	2	****	1	0	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	2	2	1	1	1	0	0	0	2	4	6	7	6	5	5	5	2
17	3	2	1	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	-	-	1	1	0	0	2	2	1	1	2	2	2	2	1
19	2	1	1	1	1	1	1	1	2	2	1	****	-	1	1	1	1	1	1	1	1	1	0	1	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	1	****	0	0	0	0	0	0	0
23	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	2	2	1	1	1	0	1	0	1
24	0	0	0	0	0	0	0	0	-	-	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	0.5

PERCENTAGE OF DATA VALID - 95.6 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 3.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1	2	2	1	0	0	2	2	1
3	2	2	3	3	2	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	1	1	0	0	2
4	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	-	1	0	0	0	0	0	0	0
6	0	0	0	1	1	0	0	1	4	2	1	0	0	0	1	1	1	1	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	1	2	3	3	1	4	1
10	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	1	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	1	1	****	2	1	1	2	3	1
14	3	2	1	1	0	0	0	1	1	1	1	0	0	6	4	1	1	1	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	1	1	0	1	0	1	0	0	0	0	0	-	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
17	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	1	1	1	0
18	2	1	3	2	3	3	2	1	1	1	1	0	1	1	1	1	1	2	2	2	-	2	2	****	2
19	****	2	****	2	1	1	1	2	3	4	3	1	1	0	3	4	0	1	0	0	0	0	0	0	1
20	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	2	1
21	1	1	1	0	0	0	0	1	1	1	1	1	1	1	2	2	3	3	1	1	0	0	0	0	1
22	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	2	3	3	1	1	1	1	1
23	0	0	0	0	0	0	0	1	0	0	1	1	0	****	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	1	1	1	0	1	0	0	0	0	0.4

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	-	****	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
5	0	0	0	0	0	0	0	0	1	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	-	****	0	0	0	0	0	1	0	0	3	****	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
9	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	1	0	0	0	0	-	0	0
13	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2	1	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
17	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	1	1	1	0	1	0
18	2	3	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1
19	1	0	0	0	0	0	0	1	1	0	0	****	0	0	0	0	0	0	0	1	1	1	1	1	0
20	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	-	****	1	1	****	0	2	0
21	2	1	1	0	0	1	1	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0
23	3	3	2	1	0	0	0	1	1	1	1	****	1	1	0	1	1	1	1	1	1	2	2	1	1
24	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	1	0	0	****	****	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	-	1	1	-	-	-	1	1	1	2	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	0	0	****	0	0	1	1	1	2	1	1	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	0	0	0	0	0	0	1	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	****	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	1	****	0	0	0	1	1	1	1	1	0	1	1	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	0	1	1	1	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	****	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	****	-	-	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
20	0	0	0	0	0	0	0	0	1	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
25	0	0	0	0	0	****	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	D	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	D	D
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	D.1

PERCENTAGE OF DATA VALID - 97.9 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	1	1	1	1	1	1	1	1	1	1
17	-	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	-	****	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	0	0	0	0	0	0	1	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1
28	0	0	1	0	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	0	0	0	0	0	****	-	-	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	4	****	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	1	1	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	****	0	0	****	****	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	****	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	1	1	2	1	0
19	2	1	3	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	****	3	0	0	0	0	-	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	****	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	1	1	1	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	-	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	****	****	****	0	0	****	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0
2	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	***	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	****	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	3	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	****	****	****	****	****	****	****	0	0
8	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	1	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
12	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	****	0	****	****	****	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	0
22	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	0	0	****	****	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	1	2	0
12	2	2	2	2	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0
20	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	3	0
23	2	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	2	1	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	1	1	1	1	1	1	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	-	****	0	0	0	0	0	0	0	1	0	0	0	0	0
10	0	0	-	-	-	****	1	2	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
16	0	0	0	0	0	0	1	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
17	0	0	0	0	0	0	2	2	2	1	****	0	0	0	0	0	0	0	0	0	0	0	0	1	0
18	1	0	0	0	0	0	1	2	3	4	1	0	1	0	0	0	0	1	1	1	1	1	0	0	1
19	0	0	0	0	0	0	0	0	1	1	1	0	0	****	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
22	0	0	0	0	0	0	1	2	1	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
24	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	******
26	0	0	0	0	0	0	0	0	****	0	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	1	2	1	1	0	0	0	1	0
MEAN	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 95.6 PERCENTAGE OF DATA INVALID - 3.2 PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
6	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	-	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
10	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	-	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	1	1	2	2	1	0
12	2	1	1	-	1	1	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	1	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
15	0	0	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	1	0	****	0	0	0	0	0	0	-	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	1	1	1	5	1	1	0	0	0	0	0	0	0	-	-	0	0	0
24	0	-	-	-	-	-	-	-	-	0	0	0	0	0	-	0	0	0	0	0	0	****	0	0	******
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	****	****	****	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	****	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	1	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 2.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	1	0
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
11	0	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1	2	1	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	1	1	0
14	1	0	0	0	0	0	0	1	1	0	0	0	0	****	0	0	0	0	0	1	0	0	0	1	0
15	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	1	0	0	0	0
20	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
21	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	1	1	1	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	****	****	****	****	****	0	0	1	2	0	0	0	0	0	-	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.5	2	11
FEB	28	0.4	2	8
MAR	31	0.2	1	3
APR	30	0.1	0	2
MAY	31	0.2	1	7
JUN	30	0.0	1	4
JUL	31	0.1	1	6
AUG	31	0.1	0	4
SEP	30	0.1	1	4
OCT	30	0.1	1	4
NOV	29	0.1	0	5
DEC	31	0.2	1	2
YEAR	363	0.2	2	11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - CARBON MONOXIDE UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL
JAN	644	46	20	1	0	0	711
FEB	597	54	9	0	0	0	660
MAR	705	17	0	0	0	0	722
APR	704	1	0	0	0	0	705
MAY	732	4	1	0	0	0	737
JUN	687	4	1	0	0	0	692
JUL	727	0	1	0	0	0	728
AUG	717	6	2	0	0	0	725
SEP	685	20	1	0	0	0	706
OCT	698	11	2	0	0	0	711
NOV	686	5	1	0	0	0	692
DEC	720	9	0	0	0	0	729
YEAR	8302	177	38	1	0	0	8518

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
97.2	0	0.0	0.0	0.0	0.0	0.3	0.8	1.3	2.0	11	0.2

DNTARID MINI5TRY OF THE ENVIRONMENT - AIR RESOURCES 8RANCH

POLLUTANT - REACTIVE HYDROCAR8DNS (NON-METHANE) UNIT5 - D.1 PARTS/MILLION

STATIDN - SW NO 14901 RIVERSIDE 8LVD.MD8ILE 5TATIDN, CORUNNA MONTH - FE8 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILA8LE -													
2												- DATA UNAVAILA8LE -													
3												- DATA UNAVAILA8LE -													
4												- DATA UNAVAILA8LE -													
5												- DATA UNAVAILA8LE -													
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	****	4	4	4	4	4	4	4	******
7	4	4	4	4	4	4	4	4	4	5	6	5	5	6	4	5	5	5	1D	10	4	3	4	3	5
8	3	2	2	2	3	3	6	4	4	8	****	****	4	5	3	2	2	2	2	1	2	2	2	2	3
9	1	1	1	1	1	1	1	2	2	2	2	2	3	2	2	2	2	2	2	2	3	4	4	3	2
1D	3	3	3	3	3	3	4	2	2	2	2	2	2	2	2	2	2	2	2	2	4	8	7	2	3
11	6	3	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
12	1	1	1	1	1	1	1	3	3	2	2	2	2	3	4	5	6	7	5	5	4	2	2	2	3
13	2	2	2	1	1	1	2	2	2	4	2	3	2	2	2	1	1	2	8	9	5	8	13	2	3
14	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2
15	2	2	2	3	2	2	3	3	4	4	4	5	5	2	2	2	2	1	1	1	2	2	2	3	3
16	3	4	3	3	2	2	3	4	5	5	4	3	4	4	4	3	2	4	2	1	1	2	2	4	3
17	2	2	1	1	1	1	2	2	2	1	2	1	1	2	2	1	1	2	1	1	1	1	1	1	1
18	1	2	3	2	11	9	3	3	15	1D	2	1	2	2	2	2	2	2	2	2	2	2	2	2	4
19	2	2	3	3	3	4	5	8	14	12	8	4	3	5	3	3	4	5	3	3	3	3	3	4	5
2D	3	3	4	4	3	4	4	4	4	4	5	4	4	4	3	3	3	3	3	3	3	3	3	3	4
21	3	3	4	4	3	4	4	3	3	3	3	3	4	3	3	4	4	4	4	4	4	4	4	4	4
22	6	3	3	5	5	3	9	11	7	4	7	****	****	****	3	3	3	3	3	3	3	3	3	3	4
23	3	3	3	3	3	3	4	3	4	3	3	3	4	4	4	4	5	5	5	6	6	7	4	8	4
24	1D	5	6	3	3	3	3	4	5	7	6	5	4	5	7	8	8	6	6	6	6	6	6	5	6
25	7	5	6	5	5	5	7	8	8	7	7	8	8	8	7	8	7	6	6	6	7	6	4	6	7
26	8	9	7	6	9	5	5	5	8	9	7	7	7	6	6	6	7	6	7	6	6	4	2	3	6
27	4	6	6	3	1	1	1	1	2	2	4	2	3	3	3	3	3	3	4	5	6	7	5	5	3
28	6	5	5	5	6	6	8	13	12	1D	7	****	5	3	3	3	3	4	4	3	5	9	4	3	6
MEAN	4	3	3	3	3	3	4	4	5	5	4	3	4	4	3	3	3	4	4	4	4	4	4	3	3.7

PERCENTAGE OF DATA VALID - 78.7 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILA8LE - 20.1

NOTE5 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILA8LE

3. "******" INDICATE5 LE5S THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

DNTARIO MINISTRY OF THE ENVIRDNMENT - AIR RESORCES 8RANCH

POLLUTANT - REACTIVE HYDRDCAR8DNS (NON-METHANE) UNITS - D.1 PARTS/MILLION

STATIDN - SW NO 149D1 RIVERSIDE 8LVD.MO8ILE STATION, CORUNNA MDNTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	3	3	3	3	3	3	3	4	3	3	4	3	3	3	5	6	4	4	4	4	3	2	2	4
2	2	2	1	1	1	2	2	5	3	3	3	2	2	2	2	2	2	2	2	4	2	2	2	3	2
3	2	3	2	3	3	3	2	3	3	3	4	4	4	4	4	4	4	4	3	4	4	4	4	3	3
4	4	3	3	2	3	4	2	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	2	3
5	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3
6	3	3	3	3	2	2	2	2	2	3	2	3	2	2	2	2	2	6	2	2	2	2	2	2	2
7	3	3	3	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	5	9	4	3	8	6	3
8	3	5	4	6	7	8	6	5	4	3	3	3	3	5	7	1D	9	11	15	18	22	20	8	3	8
9	3	2	2	6	8	5	6	6	4	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4
1D	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	1	2	1	1	1	2
11	2	3	3	4	2	1	1	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
12	3	3	1	1	1	8	1D	11	5	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	3
13	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3
14	3	3	3	2	2	2	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
15												- DATA INVALID -													
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	3	5	6	6	******
17	6	6	5	5	4	5	5	4	4	4	4	4	3	2	2	2	2	2	2	3	2	3	2	3	4
18	3	4	3	3	3	3	3	4	3	4	3	4	3	3	3	3	3	3	3	3	3	3	3	2	3
19	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3	2	2	2	2
2D	2	2	2	2	3	2	3	2	2	2	3	2	4	3	3	3	2	2	2	3	4	3	4	4	3
21	4	6	5	5	6	6	5	5	1D	8	4	4	4	4	3	12	15	16	17	15	9	7	4	4	7
22	6	12	23	11	7	24	28	22	29	26	13	5	4	4	6	5	3	3	3	2D	47	17	3	3	14
23	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	2	3
24	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	4	4	3	3
25	2	2	2	2	3	4	6	3	3	3	3	7	9	6	3	3	3	2	2	3	2	2	2	2	3
26	2	2	2	2	3	6	3	2	2	3	5	2	2	3	3	3	3	3	3	3	2	2	2	2	3
27	2	2	2	2	2	2	2	3	3	2	2	2	3	3	****	3	3	3	3	3	4	2	2	2	2
28	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	3	3	4	4	5	4	4	4	9	9	10	11	11	7	4	4	5	7	8	5	5	5	3	3	6
30	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	4	4	3
31	4	4	4	4	5	4	4	5	4	3	4	3	3	3	6	8	11	8	6	6	6	8	7	6	5
MEAN	3	3	4	3	3	4	4	4	4	4	4	3	3	3	3	4	4	4	4	5	5	4	3	3	3.8

PERCENTAGE OF DATA VALID - 92.3 PERCENTAGE OF DATA INVALID - 7.7 PERCENTAGE OF DATA UNAVAILA8LE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILA8LE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14901 RIVERSIDE BLVD.MOBILE STATION, CORUNNA MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	7	8	5	6	6	2	2	2	2	2	2	2	3	3	4	3	4	3	3	3	3	3	3	4
2	3	4	3	3	3	3	3	4	3	3	3	4	4	4	5	4	4	4	3	3	3	2	3	2	3
3	2	3	10	4	4	9	3	14	3	3	3	4	6	5	5	3	3	3	2	3	3	3	3	8	5
4	11	10	8	4	4	4	3	3	3	3	3	3	3	3	3	3	3	5	6	8	8	3	3	3	5
5	3	7	6	8	10	10	3	3	3	3	****	****	****	****	4	3	3	3	3	3	3	3	4	2	4
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19	-	-	-	-	-	-	-	-	-	-	-	-	4	5	4	5	5	3	3	3	8	7	7	8	******
20	8	9	10	26	28	27	20	19	5	4	3	3	3	3	4	3	3	3	3	3	3	3	3	3	8
21	3	3	3	3	4	3	3	3	4	4	4	4	4	4	4	4	4	5	5	4	4	5	11	11	4
22	9	7	7	9	6	7	12	10	7	6	5	3	6	4	4	4	4	4	3	3	3	3	4	4	6
23	4	4	4	4	4	4	4	6	6	5	5	4	4	5	5	4	3	3	4	3	5	16	17	9	6
24	10	12	9	8	9	8	7	6	4	4	5	5	5	6	****	****	6	5	4	4	5	5	5	4	6
25	4	4	4	4	4	4	4	4	5	4	6	6	5	5	4	4	4	4	4	4	5	4	4	4	4
26	4	4	4	4	4	3	4	4	4	4	4	3	3	.3	3	4	4	4	4	5	5	8	10	9	5
27	10	8	5	4	3	3	3	4	4	4	6	6	6	7	7	7	7	5	4	4	4	4	6	6	5
28	4	4	5	4	3	4	3	3	3	3	3	4	8	8	4	7	7	8	6	5	6	7	8	7	5
29	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	4	4	4	4	4
30	3	3	3	3	4	4	4	4	4	4	4	4	4	4	****	4	4	4	4	4	4	4	4	9	4
MEAN	6	6	6	6	6	6	5	6	4	4	4	4	4	5	4	4	4	4	4	4	4	5	6	6	4.9

PERCENTAGE OF DATA VALID - 54.0 PERCENTAGE OF DATA INVALID - 22.4 PERCENTAGE OF DATA UNAVAILABLE - 23.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14901 RIVERSIDE BLVD.MOBILE STATION, CORUNNA MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	9	6	6	11	6	14	9	4	3	3	3	4	4	6	6	4	4	5	4	4	4	3	3	5
2	4	4	4	5	5	4	4	4	4	3	4	3	4	3	3	3	4	4	4	4	3	3	4	4	4
3	5	4	4	4	4	4	4	4	5	4	-	-	6	5	4	4	4	4	6	5	6	14	5	4	5
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	4	4	4	4
5	4	4	5	4	5	5	6	7	4	4	5	5	4	4	3	4	4	4	4	4	4	6	4	4	4
6	4	4	4	4	4	4	4	5	5	5	5	6	5	5	5	4	4	4	4	4	5	5	6	4	5
7	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4	4	4	4	4	5	4	4	5	4
8	4	4	5	5	5	5	5	5	5	5	****	****	****	****	5	5	5	4	5	4	4	4	4	4	5
9	4	4	4	4	4	4	4	5	6	7	6	6	5	7	5	5	4	4	4	4	4	4	4	4	5
10	4	4	4	4	4	4	5	7	7	6	5	4	5	6	6	5	4	4	4	4	4	4	4	4	5
11	4	4	4	4	7	5	4	4	4	4	4	4	4	4	5	4	4	4	5	4	6	4	4	6	4
12	5	5	4	6	5	4	3	6	7	11	12	10	9	8	8	7	9	16	6	8	5	4	5	6	7
13	4	4	4	4	5	5	6	6	6	4	5	4	4	4	4	4	4	4	4	4	4	4	4	3	4
14	4	4	4	4	4	4	4	5	5	5	6	5	5	4	4	4	4	5	7	6	5	4	4	4	5
15	5	4	4	4	4	5	5	5	5	5	4	4	7	8	7	7	8	9	11	9	6	7	13	13	7
16	6	6	5	4	5	10	12	9	4	****	4	4	5	5	5	5	4	4	4	4	4	4	4	4	5
17	4	4	4	4	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
18	3	4	4	4	4	4	4	5	5	****	****	****	****	****	****	****	4	4	4	4	5	6	6	5	4
19	6	7	5	6	4	4	4	****	****	****	****	****	****	****	****	4	4	4	4	5	4	5	5	5	5
20	6	5	5	5	8	10	4	5	9	12	8	9	7	6	5	11	9	10	5	8	8	13	11	7	8
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5	6	4	6	6	6	10	5	****	****	******
22	****	****	****	****	****	****	****	****	****	****	****	3	4	4	4	4	4	4	4	5	4	5	5	4	******
23	5	6	4	5	4	4	4	4	4	****	****	4	11	12	10	16	16	14	11	11	11	11	5	8	8
24	11	10	9	9	10	13	13	12	10	9	9	8	9	8	4	4	8	11	9	10	10	11	9	5	9
25	8	11	5	6	9	6	6	10	10	11	8	5	5	8	9	9	6	9	7	8	8	8	6	9	8
26	7	7	9	8	6	5	4	4	4	3	4	4	4	4	4	6	6	4	5	4	5	4	4	5	5
27	4	4	4	4	4	4	4	4	4	5	5	5	4	4	3	4	4	4	4	5	5	4	4	4	4
28	4	5	6	7	5	5	5	4	4	4	4	4	7	8	5	5	5	10	6	6	9	7	6	6	6
29	6	7	6	7	6	6	6	5	5	4	****	7	5	11	11	7	5	8	5	4	11	12	16	****	7
30	****	8	8	5	12	24	8	****	****	5	5	4	****	****	****	10	4	3	****	4	4	11	11	7	8
31	7	8	6	4	4	4	4	****	****	3	3	3	3	3	3	4	4	4	4	4	11	9	7	****	5
MEAN	5	5	5	5	6	6	5	6	5	5	5	5	5	6	5	6	5	6	5	5	6	6	6	5	5.4

PERCENTAGE OF DATA VALID - 91.5 PERCENTAGE OF DATA INVALID - 8.2 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14901 RIVERSIDE BLVD,MOBILE STATION, CORUNNA MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	7	8	14	****	****	10	9	7	****	5	5	6	5	4	5	5	5	9	9	10	10	8	7
2	9	5	4	6	9	6	6	10	4	5	5	5	5	5	5	5	5	5	5	5	4	4	4	5	5
3	5	5	5	5	6	7	7	6	7	6	6	6	****	****	4	4	4	4	4	4	4	4	4	****	5
4	6	6	6	6	6	6	8	12	****	9	9	8	****	****	6	6	5	4	4	4	4	4	6	5	6
5	10	10	12	11	****	6	6	8	9	****	11	8	6	****	****	7	7	7	7	****	****	6	12	15	9
6	****	****	15	4	4	****	5	5	4	4	****	4	4	4	4	****	5	5	8	5	4	4	4	4	5
7	5	****	****	4	4	4	****	****	5	5	5	****	4	****	5	4	4	4	4	4	3	3	3	3	4
8	3	3	4	4	5	4	4	5	5	5	5	5	6	6	5	5	5	4	4	4	4	4	4	4	4
9	4	4	4	4	4	5	7	19	5	5	5	5	7	7	7	7	7	6	5	4	4	4	4	4	6
10	4	4	4	4	4	4	4	5	5	6	6	6	7	6	5	4	4	4	3	2	2	2	2	2	4
11	3	4	3	3	3	3	3	4	7	6	6	7	7	7	8	4	7	6	7	14	5	5	5	4	5
12	4	6	5	7	7	6	8	11	4	8	7	6	4	5	5	4	4	4	5	5	5	5	5	5	6
13	5	6	6	6	6	6	7	6	6	4	****	****	****	3	4	4	3	3	3	2	2	2	2	2	4
14	2	2	3	4	3	6	2	3	3	3	3	3	3	4	3	3	3	3	3	3	3	2	3	3	3
15	3	3	3	3	4	4	4	5	6	6	6	5	5	5	5	5	4	4	4	4	5	4	5	5	4
16	5	5	4	4	4	4	5	4	4	3	4	5	5	6	5	5	4	4	4	4	4	3	3	3	4
17	3	3	4	3	3	3	4	5	7	5	4	4	5	5	5	4	4	4	8	6	6	3	3	3	4
18	3	3	7	4	3	3	4	3	4	5	5	5	4	4	6	5	5	6	7	7	8	9	16	14	6
19	4	3	4	5	14	23	11	4	6	5	2	2	2	2	3	3	3	3	3	3	3	3	3	3	5
20	2	2	2	2	2	2	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	2	2	3	3
21	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	3	3	3	3	4	9	10	6	3
22	3	3	3	3	6	2	3	6	3	2	****	****	10	9	5	3	3	4	8	6	4	11	3	2	5
23	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	4	5	5	2	2	4	6	3
24	8	5	2	2	2	2	2	3	5	4	3	3	3	3	3	5	5	5	5	3	3	8	5	8	4
25	5	6	3	2	2	4	5	12	11	2	2	2	3	4	4	5	5	5	3	3	2	3	2	2	4
26	2	2	2	2	3	4	8	5	2	3	2	3	4	3	3	3	3	2	2	2	2	2	2	2	3
27	2	2	2	3	3	4	4	4	4	4	3	4	4	3	4	3	4	2	5	2	2	2	2	3	3
28	5	4	6	9	6	8	13	16	6	8	7	5	8	5	3	****	5	4	2	6	5	4	4	3	6
29	2	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	3	2	3	2	2	2	2	2	2	2	1	1	2	2	2	2	3	4	3	3	2	2	2
MEAN	4	4	4	4	5	5	5	6	5	5	5	4	5	4	4	4	4	4	4	4	4	4	5	5	4.5

PERCENTAGE OF DATA VALID - 95.3 PERCENTAGE OF DATA INVALID - 4.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14901 RIVERSIDE BLVD,MOBILE STATION, CORUNNA MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	12	3	3	2	2	2	3
2	1	1	1	2	2	2	2	2	2	2	2	2	2	3	6	6	8	11	11	14	15	8	6	15	5
3	11	11	10	7	5	5	4	3	3	2	2	2	3	2	9	13	9	10	13	5	6	5	3	2	6
4	2	3	3	3	2	2	3	6	4	3	3	4	4	3	5	6	6	6	6	5	2	2	2	2	4
5	3	6	9	6	2	1	2	2	2	3	4	6	****	-	13	14	14	13	16	22	29	14	11	12	9
6	8	10	8	6	7	7	6	10	7	4	4	5	5	5	5	6	10	11	9	18	6	9	10	11	8
7	14	15	15	13	18	20	17	14	6	7	7	6	7	8	10	7	6	6	5	3	3	4	4	6	9
8	5	5	5	5	5	6	6	7	7	8	6	6	6	7	8	7	6	5	5	4	7	7	5	5	6
9	4	4	4	4	4	4	4	5	5	5	5	4	5	4	4	5	5	5	5	5	5	4	4	4	4
10	5	6	6	5	4	4	3	3	3	3	3	4	4	****	5	6	6	22	13	8	9	12	28	8	7
11	9	14	16	13	13	11	12	13	12	9	8	8	10	10	7	6	5	4	5	5	5	4	4	4	9
12	8	12	6	7	7	9	8	10	9	8	6	8	10	8	8	7	5	3	4	4	5	5	3	7	7
13	14	11	10	13	11	13	14	13	17	11	9	12	26	26	27	29	18	17	24	22	17	8	33	15	17
14	17	14	12	10	10	12	15	9	11	7	9	8	7	7	6	6	6	6	5	5	4	4	5	5	8
15	9	5	4	4	4	5	5	5	5	5	6	5	6	6	5	5	5	5	5	5	6	5	4	4	5
16	5	6	7	4	4	4	13	16	12	8	10	9	9	10	11	9	9	8	9	14	15	13	11	12	10
17	12	13	11	3	3	3	5	11	15	13	11	8	9	11	11	12	12	13	12	14	13	9	6	5	10
18	3	3	3	3	3	4	6	4	4	13	9	7	5	****	7	9	9	6	4	4	6	7	6	6	6
19	8	6	5	5	7	7	6	9	8	6	6	5	5	5	4	5	4	4	4	4	5	5	4	4	5
20	4	5	5	5	7	12	14	9	7	8	9	9	5	6	6	5	5	7	6	5	5	5	6	5	7
21	7	7	6	6	8	8	17	8	6	8	8	7	6	5	5	6	5	5	4	3	4	4	4	5	6
22	5	6	6	6	5	5	6	8	8	8	8	7	6	6	5	5	5	5	4	4	4	4	5	4	6
23	6	5	5	5	6	6	7	6	8	7	8	7	5	6	7	7	3	3	3	3	4	4	4	3	5
24	3	4	4	4	4	4	5	6	5	5	6	6	4	4	4	4	3	3	3	3	3	2	2	2	4
25	3	3	3	3	3	4	3	3	3	3	3	3	3	****	****	3	2	2	2	2	2	2	2	2	3
26	3	2	2	2	2	1	2	2	2	2	2	4	6	4	4	8	6	5	3	2	2	2	3	4	3
27	2	2	2	4	7	6	6	6	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	3
28	2	2	2	3	3	2	2	3	3	3	2	3	4	8	11	6	3	2	2	2	2	4	3	2	3
29	2	2	3	2	3	4	5	5	3	6	6	4	4	4	4	4	4	3	2	2	3	3	8	3	4
30	2	2	2	2	2	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	2	1	2	2	2	3	3	3	3	4	2	2	****	3	3	6	7	7	8	7	7	9	4
MEAN	6	6	6	5	5	6	7	7	6	6	6	5	6	6	7	7	6	7	7	6	7	5	6	6	6.1

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

DNTARID MINISTRY DF THE ENVIRDNMENT - AIR RESDURCES BRANCH

PDLLUTANT - REACTIVE HYDRDCARBDNS (NDN-METHANE) UNITS - D.1 PARTS/MILLIDN

STATIDN - SW ND 149D1 RIVERSIDE BLVD.MDBILE STATIDN, CDRUNNA MDNTH - AUG 79

HDUR DAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	2D	21	22	23	24	MEAN
1	8	9	11	6	2	2	2	3	1D	9	8	9	6	8	9	6	7	4	2	2	12	14	2	2	6
2	3	2	1	2	2	1	1	2	9	4	4	3	3	3	3	2	2	2	2	2	2	3	3	3	3
3	2	2	2	3	4	4	5	5	4	3	3	3	3	2	2	2	2	2	3	3	7	3	3	3	3
4	3	3	3	3	3	3	3	6	5	2	3	3	3	2	2	3	2	2	2	3	2	3	2	3	3
5	3	2	2	3	3	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	13	9	3
6	7	7	8	7	3	1	2	1	1	2	3	3	6	5	5	5	5	6	8	13	1D	13	6	5	6
7	4	4	4	4	3	2	2	2	2	3	3	4	4	4	4	3	3	2	2	3	9	11	18	15	5
8	6	6	5	4	4	3	3	4	4	****	6	5	7	6	3	3	4	17	13	1D	12	9	6	7	6
9	5	2	2	2	3	3	8	4	2	2	2	1	1	1	1	1	2	2	1	1	1	1	2	2	2
1D	2	3	3	2	2	2	1	1	2	3	5	2	4	2	2	3	8	3	2	4	7	12	7	9	4
11	7	1D	11	11	7	5	4	2	1	2	3	5	3	4	3	3	6	7	1D	11	16	15	6	3	6
12	4	2	1	1	6	9	4	1	1	1	1	1	3	4	3	4	4	5	3	2	2	2	2	2	3
13	2	2	2	2	2	2	2	5	5	4	3	3	3	2	2	2	2	2	2	3	3	3	2	2	3
14	1	1	1	1	1	1	6	5	2	3	5	5	5	3	3	3	2	1	1	2	1	1	1	1	2
15	1	1	1	1	1	1	1	1	1	1	1	1	****	****	3	3	5	6	7	4	2	2	2	2	2
16	2	2	2	2	2	3	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
17	1	1	2	2	3	3	1D	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2
18	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	3	3	2	2	2	2	4	15	8	3
19	4	4	2	2	2	2	2	2	2	2	2	4	5	3	5	6	5	1	1	2	2	2	3	2	3
2D	2	2	9	14	5	11	17	4	3	4	2	1	1	1	1	1	1	1	3	3	2	2	5	2	4
21	2	2	2	2	2	3	3	3	5	3	2	2	5	8	1D	11	8	14	3	3	5	5	6	7	5
22	31	28	6	3	5	3	2	2	2	2	2	1	1	1	2	1	2	2	2	1	1	2	2	1	4
23	1	1	1	1	2	2	2	2	2	2	1	2	2	3	2	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	2	2	2	2	3	3	3	2	2	2	2	3	2	1	1	1	1	2
25	1	1	1	2	2	2	2	3	3	2	2	2	2	3	2	2	2	7	5	1	2	2	2	4	2
26	2	2	2	2	3	3	3	2	4	4	2	2	1	1	1	1	1	1	1	2	1	1	1	2	2
27	1	1	1	2	1	2	2	2	2	1	2	1	2	2	2	1	1	1	1	1	1	1	1	2	1
28	1	1	2	2	2	2	4	5	3	2	2	2	2	3	2	2	1	1	1	1	1	1	1	1	2
29	1	1	5	5	5	5	5	6	7	7	7	7	2	2	****	2	2	2	2	3	3	3	3	3	4
3D	3	3	3	2	2	2	2	2	2	2	2	3	2	4	4	7	4	2	2	2	5	13	12	5	4
31	4	4	5	3	2	7	6	6	4	4	2	1	2	3	3	2	1	1	1	2	1	1	2	1	3
MEAN	4	4	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3.3

PERCENTAGE DF DATA VALID - 99.5 PERCENTAGE DF DATA INVALID - D.5 PERCENTAGE DF DATA UNAVAILABLE - D.D

NDTES 1. "*****" INDICATES INVALID DATA DUE TD INSTRUMENTATIDN FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FDR DAILY MEAN IN DNE DAY

DNTARID MINISTRY DF THE ENVIRDNMENT - AIR RESDRCES BRANCH

PDLLUTANT - REACTIVE HYDRDCARBDNS (NDN-METHANE) UNITS - D.1 PARTS/MILLIDN

STATIDN - SW ND 149D1 RIVERSIDE BLVD.MDBILE STATIDN, CDRUNNA MDNTH - SEP 79

HDUR DAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	2D	21	22	23	24	MEAN
1	2	2	3	1	1	1	1	1	3	4	3	3	3	2	2	2	2	2	2	2	2	1	1	1	2
2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1
3	1	1	4	1	3	4	3	2	2	4	3	6	5	7	7	5	6	6	5	3	2	3	2	2	4
4	4	3	2	4	3	2	2	1	1	1	3	5	2	2	5	7	13	11	3	2	2	3	2	2	4
5	3	2	2	3	3	5	2	1	1	3	3	6	11	****	****	3	3	3	3	3	8	8	6	5	4
6	5	6	1D	12	5	16	5	3	2	6	2	3	4	4	4	2	4	3	3	7	3	5	1D	3	5
7	2	2	1	1	1	1	4	12	1D	5	3	1	1	2	2	1	1	1	1	1	1	1	1	1	2
8	1	1	1	1	1	1	1	1	3	3	1	1	4	5	2	2	3	2	3	3	6	6	4	3	2
9	4	5	3	2	2	2	1	3	4	2	2	2	2	2	2	2	2	2	2	1	1	2	2	1	2
1D	1	1	1	2	2	2	2	2	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
2D												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
3D												- DATA UNAVAILABLE -													
MEAN	2	2	3	3	2	4	2	3	3	3	2	3	4	3	3	3	4	4	3	3	3	3	3	2	2.9

PERCENTAGE DF DATA VALID - 31.1 PERCENTAGE DF DATA INVALID - D.3 PERCENTAGE DF DATA UNAVAILABLE - 68.6

NDTES 1. "****" INDICATES INVALID DATA DUE TD INSTRUMENTATIDN FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FDR DAILY MEAN IN DNE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14901 RIVERSIDE BLVD,MOBILE STATION, CORUNNA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB	22	3.7	7	15
MAR	28	3.8	14	47
APR	16	4.9	8	28
MAY	29	5.4	9	24
JUN	30	4.5	9	23
JUL	31	6.1	17	33
AUG	31	3.3	6	31
SEP	9	2.9	5	16
YEAR	196	4.4	17	47

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14901 RIVERSIDE BLVD,MOBILE STATION, CORUNNA

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN		DATA UNAVAILABLE							
FEB	521	8	0	0	0	0	0	0	529
MAR	660	17	9	1	0	0	0	0	687
APR	376	9	4	0	0	0	0	0	389
MAY	640	40	1	0	0	0	0	0	681
JUN	665	20	1	0	0	0	0	0	686
JUL	637	88	11	1	0	0	0	0	737
AUG	712	26	1	1	0	0	0	0	740
SEP	218	6	0	0	0	0	0	0	224
YEAR	4429	214	27	3	0	0	0	0	4673

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										
80.5	1	1.2	2.2	3.2	4.3	7.6	10.2	13.4	16.1	47	4.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S,NANTICOKE MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	3	1	1	1	2	1	1	1	1	2	2	2	1	2	2	1	1	1	2	1	1	1
2	1	2	1	2	1	2	1	2	2	1	1	1	****	****	3	3	2	2	2	2	2	2	2	2	2
3	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	2	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	3	1	1	1
5	2	2	1	2	1	2	1	2	2	2	2	2	1	2	1	2	2	1	1	2	1	1	2	2	2
6	1	1	1	2	1	1	1	1	1	1	1	2	2	43	25	74	129	112	106	139	128	144	146	156	51
7	167	140	134	141	140	139	130	127	123	122	119	66	59	58	76	113	111	86	109	124	132	144	147	150	119
8	154	156	163	159	151	151	130	141	133	138	148	144	146	116	132	150	139	138	106	123	107	98	106	116	135
9	115	101	72	94	103	109	102	56	85	97	60	37	49	45	48	36	44	41	29	19	58	72	100	78	69
10	100	116	108	106	114	103	51	48	31	1	2	1	14	1	39	51	65	112	106	105	114	120	108	120	72
11	140	147	148	142	145	139	109	75	2	1	1	2	6	2	3	8	-	2	2	9	1	13	2	5	48
12	6	23	34	65	68	62	50	45	43	26	2	2	1	2	1	2	1	8	2	2	4	2	2	2	19
13	17	12	34	43	42	2	2	1	2	2	2	3	3	2	3	2	1	2	2	2	3	2	2	3	8
14	11	56	58	34	8	3	3	2	1	2	3	4	4	2	2	2	12	2	2	2	2	2	2	40	11
15	42	16	36	49	50	49	30	31	1	2	2	2	2	1	1	1	1	1	2	1	1	2	2	20	14
16	8	21	23	39	37	52	57	38	1	1	2	2	2	4	2	2	3	2	1	2	2	2	22	40	15
17	65	105	83	102	107	105	100	43	2	2	2	-	1	1	2	1	1	1	2	2	2	16	26	48	36
18	81	85	104	116	117	109	100	28	1	2	1	2	2	2	2	2	2	9	3	2	1	2	10	46	35
19	83	114	118	110	111	125	109	2	2	2	1	2	2	2	1	2	2	19	2	2	1	38	40	39	39
20	47	94	106	111	112	106	57	24	2	2	2	2	2	2	4	1	9	43	2	2	2	2	50	69	36
21	69	52	78	60	68	68	37	2	2	2	2	1	2	2	2	2	2	3	2	1	2	2	4	2	19
22	2	3	4	3	3	3	3	4	3	3	3	3	3	3	3	3	2	3	2	3	3	3	1	54	5
23	55	83	91	104	106	77	67	2	3	3	3	2	2	3	2	2	3	4	2	2	2	2	2	2	26
24	18	17	13	16	41	34	11	2	2	3	3	-	-	-	3	2	3	3	3	2	2	2	3	4	9
25	3	3	2	3	2	3	3	3	2	4	4	3	-	-	-	-	-	-	-	2	2	2	2	2	3
26	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
27	3	3	2	2	1	1	2	1	1	1	1	2	1	1	1	2	1	1	1	1	1	2	2	2	2
28	1	4	12	18	13	25	8	1	1	1	1	1	2	2	2	1	1	1	2	2	3	4	2	11	5
29	8	10	9	14	33	38	29	4	1	2	1	1	2	2	1	1	1	1	2	2	2	6	14	26	9
30	24	29	39	41	41	18	1	1	2	3	3	2	2	2	2	2	2	2	1	1	2	3	3	3	10
MEAN	41	47	49	53	54	51	40	23	15	14	13	11	12	11	13	16	20	21	17	19	20	23	27	35	27.1

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S,NANTICOKE MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	10	15	8	9	2	2	1	1	1	1	1	1	-	-	0	2	0	2	1	1	0	1	1	3
2	0	3	19	28	29	27	7	1	2	2	2	0	1	1	1	2	1	0	0	0	2	2	0	0	5
3	1	1	1	1	2	0	0	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	1	1	1
4	1	0	1	0	0	7	7	1	1	-	-	0	1	1	0	1	2	2	1	1	0	1	0	0	1
5	1	1	0	2	5	15	5	1	0	1	1	0	0	1	0	1	0	0	1	1	0	0	1	1	2
6	1	1	0	0	1	0	2	1	1	1	2	0	3	3	1	1	1	2	1	0	1	0	0	0	1
7	1	1	0	-	-	-	-	-	-	-	-	-	-	-	2	4	2	3	2	1	0	1	0	0	******
8	1	2	2	2	2	2	2	1	1	1	3	4	2	2	4	23	24	53	26	9	4	1	1	0	7
9	1	4	3	3	2	4	4	2	2	4	4	4	4	4	4	20	6	43	42	14	2	2	1	0	7
10	2	1	3	2	5	6	3	2	5	6	3	3	5	44	47	52	9	28	6	4	4	2	2	3	10
11	4	-	-	0	1	1	0	3	2	3	3	****	****	8	32	53	62	71	46	25	2	3	2	1	16
12	2	2	2	0	3	3	2	1	2	2	3	6	4	15	23	21	18	3	4	0	****	****	****	1	6
13	0	0	0	1	2	2	2	0	1	1	2	1	1	1	1	1	1	2	1	1	2	2	3	3	1
14	2	2	3	1	2	2	3	2	2	2	****	****	2	2	2	1	1	2	0	1	1	1	0	1	2
15	1	1	1	1	1	0	2	2	2	1	0	1	0	2	2	1	2	2	1	2	1	2	0	0	1
16	1	0	2	0	1	2	3	1	1	0	0	1	2	3	4	2	2	3	2	3	4	4	4	20	3
17	23	42	52	51	53	48	6	2	0	1	0	0	1	1	1	1	1	18	22	1	2	2	0	1	14
18	8	7	7	28	44	47	4	2	1	1	2	2	-	-	-	-	-	-	-	-	-	1	2	2	******
19	1	1	2	2	2	3	2	2	2	2	1	3	4	12	17	17	16	34	24	8	3	1	1	2	7
20	2	2	2	1	2	1	2	4	2	4	2	2	2	3	7	5	9	18	6	4	2	1	2	2	4
21	3	3	3	1	1	2	5	3	1	4	2	0	2	2	1	1	1	2	0	0	2	2	1	0	2
22	2	2	6	21	31	29	2	-	-	-	-	0	2	2	2	3	3	3	1	1	2	2	2	2	6
23	2	2	12	18	20	21	2	2	2	2	0	0	1	1	2	3	2	1	0	0	0	0	1	0	4
24	1	1	2	1	1	1	1	3	2	1	0	1	1	1	1	0	0	0	0	0	1	1	0	1	1
25	1	0	0	0	0	0	0	1	1	1	3	3	2	1	-	1	2	1	1	2	1	2	1	0	1
26	1	0	0	0	2	1	0	1	2	1	1	0	1	0	1	1	2	1	0	1	1	0	1	0	1
27	1	1	1	2	2	2	2	0	2	3	1	0	0	1	1	0	1	1	2	2	0	0	2	16	2
28	2	4	2	4	3	4	2	0	0	1	1	0	2	1	1	-	-	2	2	1	2	3	2	5	2
29	4	8	11	9	5	14	2	0	0	1	2	0	1	-	0	1	4	2	1	2	1	0	1	1	3
30	2	2	2	2	5	2	2	2	2	2	2	0	1	1	0	0	0	0	0	1	0	0	2	2	1
31	9	11	18	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
MEAN	3	4	6	7	8	9	3	2	1	2	2	1	2	4	6	8	6	10	7	3	2	1	1	2	4.2

PERCENTAGE OF DATA VALID - 91.8 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 7.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S,NANTICOKE MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	******
20	0	0	0	0	1	3	2	0	0	1	1	2	1	0	0	1	0	1	2	0	0	1	1	0	1
21	1	1	1	3	4	4	2	1	2	2	1	1	1	1	1	0	1	1	0	0	-	-	-	-	1
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	2	1	1	2	0	1	1	******
28	1	1	1	0	0	0	1	0	1	0	1	1	1	2	2	2	0	1	1	0	1	0	1	2	1
29	2	2	2	1	3	2	1	2	2	2	2	3	-	2	2	3	4	4	4	2	5	8	3	2	3
30	2	2	2	1	0	2	2	2	0	0	1	2	2	3	5	2	-	-	-	-	-	-	-	-	2
MEAN	1	1	1	1	2	2	2	1	1	1	1	2	1	2	2	2	1	2	2	1	2	2	1	1	1.4

PERCENTAGE OF DATA VALID - 16.7 PERCENTAGE OF DATA INVALID - 61.0 PERCENTAGE OF DATA UNAVAILABLE - 22.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S,NANTICOKE MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	-	-	-	-	-	-	-	-	-	6	3	4	5	4	5	2	2	5	2	1	1	3	2	******
2	5	6	2	2	4	6	3	2	3	2	3	2	2	2	4	4	1	2	2	3	4	4	1	2	3
3	2	1	1	1	2	0	0	0	0	0	0	0	0	0	2	0	2	1	2	2	0	2	1	2	1
4	1	2	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	2	3	2	2	2	2	******
6	2	2	1	2	2	2	0	1	0	2	1	2	2	1	1	2	2	1	1	0	1	1	2	1	1
7	0	0	2	4	5	3	2	2	2	1	2	1	3	2	2	3	1	1	2	2	2	2	3	1	2
8	3	3	3	3	3	4	4	4	2	2	3	4	4	3	4	4	11	24	6	2	2	3	5	3	5
9	4	3	4	2	5	2	2	2	2	1	2	2	3	2	2	2	3	3	3	2	2	3	2	3	3
10	2	1	2	2	2	2	2	2	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
31	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	3	3	1	2	1	1	2	******
MEAN	2	2	2	2	3	3	2	2	2	2	2	2	3	2	3	3	3	4	3	2	2	2	2	2	2.4

PERCENTAGE OF DATA VALID - 25.3 PERCENTAGE OF DATA INVALID - 41.9 PERCENTAGE OF DATA UNAVAILABLE - 32.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S.NANTICOKE MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	3	3	2	2	1	1	4	3	-	2	2	4	3	1	3	3	4	3	4	2	2	3
2	2	2	2	3	3	2	3	3	3	4	4	1	2	2	2	2	2	0	1	2	3	2	4	1	2
3	3	3	4	4	2	2	2	2	2	1	1	3	2	0	3	3	2	2	2	4	2	1	1	1	2
4	2	2	2	5	4	4	3	4	4	3	1	2	5	2	2	2	2	3	3	4	2	3	2	2	3
5	2	2	2	2	3	5	4	2	2	2	1	2	2	2	1	2	0	4	2	3	4	3	2	2	2
6	2	2	2	2	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
7	-	-	-	-	-	-	-	-	-	-	-	-	7	6	6	5	7	6	-	-	-	-	-	-	******
8												- DATA UNAVAILABLE -													
9	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	4	2	1	2	3	6	2	2	2	******
10	4	4	5	5	3	5	4	3	4	4	3	3	4	4	6	3	2	2	4	4	2	2	2	2	4
11	2	2	3	4	1	2	4	2	1	2	2	1	1	2	2	1	1	2	3	2	3	2	2	2	2
12	2	2	1	2	4	4	2	2	3	0	2	2	1	0	0	0	0	1	1	0	1	1	1	2	1
13	2	2	2	2	6	4	3	4	2	1	1	1	1	0	1	1	1	1	1	2	2	2	2	1	2
14	2	2	1	2	1	2	2	0	1	1	1	2	2	0	1	1	1	0	1	1	2	2	2	2	1
15	5	3	2	2	3	2	4	3	4	2	2	2	2	1	0	2	2	2	2	1	1	1	2	2	2
16	5	5	35	17	59	130	4	3	1	1	1	1	1	1	2	2	1	1	1	1	4	2	4	2	12
17	2	1	2	3	2	2	2	2	1	0	-	1	2	2	1	2	2	1	1	2	1	1	1	1	2
18	0	0	4	3	3	1	1	3	2	3	3	3	2	2	3	2	2	3	2	4	3	3	2	4	2
19	2	1	2	1	2	4	3	3	2	2	2	3	3	2	3	4	4	3	1	2	1	2	2	4	2
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	3	******
21	2	3	2	1	4	4	4	1	3	2	2	2	3	2	3	2	1	1	1	1	2	2	2	2	2
22	2	2	2	3	4	3	3	4	4	4	1	2	2	1	0	2	0	0	0	2	2	3	2	2	2
23	1	3	4	2	2	2	3	3	2	1	2	2	2	3	2	1	3	2	1	2	4	2	2	2	2
24	2	2	3	4	4	4	3	2	-	2	2	2	3	2	2	1	0	2	2	5	3	1	3	2	2
25	2	2	1	2	1	2	2	2	1	4	0	2	4	4	5	1	0	4	2	3	3	4	2	1	2
26	2	4	2	2	2	3	4	2	2	2	2	2	2	2	2	2	1	3	4	2	2	2	3	1	2
27	3	2	2	4	2	2	2	3	2	1	4	2	3	2	1	1	2	1	1	1	1	3	4	2	2
28	2	1	2	2	2	2	3	2	2	2	1	2	2	4	2	2	2	0	1	0	4	-	-	-	2
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	2	0	1	2	3	2	3	2	******
MEAN	2	2	4	3	5	8	3	2	2	2	2	2	3	2	2	2	2	2	2	2	3	2	2	2	2.6

PERCENTAGE OF DATA VALID - 79.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 21.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S.NANTICOKE MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	2	1	1	1	2	2	3	3	2	2	2	4	2	1	3	2	1	1	3	1	3	3	3	2
2	2	2	1	3	2	2	3	1	0	2	2	3	3	-	-	-	-	-	-	-	-	-	-	-	******
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7	-	-	-	-	-	-	-	-	-	-	3	4	2	3	4	4	4	4	2	1	1	2	1	2	******
8	2	2	4	4	2	2	2	2	1	2	2	1	1	1	2	3	2	3	2	3	3	2	2	3	2
9	2	2	2	2	2	2	2	2	1	1	2	2	2	1	2	3	3	1	2	1	1	2	4	1	2
10	2	2	4	2	1	3	3	2	2	2	2	2	2	4	3	2	1	3	2	3	4	2	2	1	2
11	3	2	2	2	-	-	-	-	-	-	-	1	1	4	2	2	3	3	1	36	84	124	111	129	30
12	112	121	128	138	123	145	145	48	3	4	3	2	2	3	4	3	2	3	3	2	1	3	4	2	42
13	1	3	3	3	2	2	4	2	3	2	2	3	2	4	4	4	2	2	3	3	2	4	5	3	3
14	6	4	5	5	4	4	2	3	2	3	1	2	2	5	4	1	2	4	2	19	65	91	126	133	21
15	122	148	164	180	178	170	167	136	23	1	2	3	2	2	2	3	4	1	2	55	108	96	91	90	73
16	118	120	120	135	130	153	156	80	5	4	3	2	2	4	3	5	3	4	3	7	31	42	49	95	53
17	57	109	110	104	114	108	85	3	6	2	2	1	-	-	****	****	****	****	****	****	****	****	****	****	******
18												- DATA INVALID -													
19												- DATA INVALID -													
20	****	****	****	****	****	****	****	****	****	****	****	-	-	-	-	2	4	5	62	120	124	130	125	140	******
21	122	108	105	85	98	98	89	73	12	3	3	3	6	-	-	4	5	3	10	78	93	124	138	142	64
22	144	116	106	94	75	21	2	1	2	3	79	75	45	4	4	3	14	50	102	106	96	49	6	2	50
23	2	1	1	0	1	2	2	2	1	4	34	8	2	0	0	8	8	87	114	109	82	67	2	1	22
24	2	1	1	1	1	2	1	1	3	4	3	-	-	4	3	3	2	4	56	106	101	102	100	97	27
25	97	107	121	117	110	110	114	90	3	3	3	2	7	3	4	1	2	3	3	12	53	102	113	128	55
26	129	129	135	122	114	106	96	86	75	3	2	1	2	3	2	2	1	2	4	83	111	128	127	127	66
27	128	128	121	111	110	112	118	114	77	4	4	6	3	5	3	4	4	4	5	45	58	84	69	4	55
28	44	48	41	34	11	12	3	27	36	14	3	8	4	2	2	1	2	2	7	8	39	37	52	55	21
29	58	72	83	79	90	96	82	45	11	3	1	2	2	4	3	6	3	4	9	64	112	118	132	134	51
30	136	130	124	129	132	131	125	127	107	9	3	5	6	6	5	3	3	2	3	16	78	50	66	-	61
MEAN	59	62	63	61	62	61	57	40	18	4	7	6	5	3	3	3	3	9	18	40	57	62	60	62	34.6

PERCENTAGE OF DATA VALID - 71.7 PERCENTAGE OF DATA INVALID - 9.6 PERCENTAGE OF DATA UNAVAILABLE - 18.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

DNTARIO MINISTRY DF THE ENVIRDNMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDRDCARBDNS (NDN-METHANE) UNITS - D.1 PARTS/MILLIDN

STATION - NMP NO 229D3 CHEAPSIOE RO/WALPDLE CDNC 5,NANTICOKE MDNTH - OCT 79

HDUR / DAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- OATA INVALIO -													
2												- DATA INVALIO -													
3												- DATA INVALIO -													
4												- DATA INVALIO -													
5												- DATA INVALIO -													
6	****	****	2	D	2	2	2	0	1	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
7	****	****	****	****	****	****	2	2	1	1	1	3	0	1	1	****	****	1	1	1	1	1	1	1	1
8	0	1	1	3	2	2	2	1	1	D	1	1	D	3	2	****	****	****	****	****	****	****	****	****	******
9	****	****	****	****	****	****	****	****	0	D	2	2	1	1	2	-	-	-	-	-	-	-	-	-	******
1D												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	0	2	2	D	D	******
14	1	1	0	1	1	1	D	2	2	0	D	1	2	D	D	1	D	-	-	-	-	-	-	-	1
15												- OATA UNAVAILABLE -													
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	******
17	0	1	1	1	1	2	2	2	1	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
18												- OATA INVALID -													
19												- DATA INVALID -													
2D												- DATA INVALIO -													
21												- DATA INVALIO -													
22	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	2	2	3	****	1	1	1	******
23	0	3	1	3	1	0	D	10	14	16	15	23	12	8	0	D	1	1	1	2	2	2	1	2	5
24	1	1	4	2	1	4	3	3	1	3	2	2	-	-	-	-	-	-	-	-	-	-	-	-	******
25												- DATA UNAVAILABLE -													
26												- OATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
3D												- DATA UNAVAILABLE -													
31												- OATA UNAVAILABLE -													
MEAN	D	1	2	2	1	2	2	3	3	3	4	5	3	3	1	1	1	1	1	2	2	1	1	1	2.0

PERCENTAGE OF DATA VALID - 17.9 PERCENTAGE OF OATA INVALIO - 29.0 PERCENTAGE OF OATA UNAVAILABLE - 53.1

NOTES 1. "****" INDICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

DNTARIO MINISTRY OF THE ENVIRONMENT - AIR RESDRCES BRANCH

POLLUTANT - REACTIVE HYDRDCARBONS (NON-METHANE) UNITS - D.1 PARTS/MILLION

STATION - NMP ND 22903 CHEAPSIDE RO/WALPOLE CONC 5,NANTICDKE MONTH - NOV 79

HDUR / OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- OATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- OATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
1D												- OATA INVALID -													
11												- DATA INVALIO -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- OATA INVALIO -													
15												- DATA INVALID -													
16	****	****	****	****	****	****	****	****	****	****	****	****	****	4	34	11	33	63	18	2	2	2	1	D	******
17	D	1	D	D	1	2	D	D	1	1	1	D	0	0	1	1	1	1	1	1	2	1D	32	70	5
18	97	125	118	128	123	89	94	114	104	87	7	3	2	2	0	1	1	3	3	2	4	36	41	65	S2
19	98	106	104	108	1D5	116	126	119	64	5	3	2	D	1	1	2	****	****	****	****	****	****	****	****	60
20												- OATA INVALIO -													
21	****	****	****	****	****	****	****	****	****	****	****	0	0	0	D	D	0	1	0	1	2	0	0	0	******
22	2	2	0	0	D	D	1	0	2	2	2	D	1	2	1	2	2	2	D	1	1	1	0	1	1
23	1	2	1	0	1	0	1	0	0	1	1	0	-	1	1	3	2	1	D	1	0	1	0	2	1
24	3	2	2	2	2	1	D	1	2	1	2	1	0	0	0	0	0	0	0	2	2	1	D	0	1
25	7	4	10	12	22	22	22	11	10	0	1	2	2	0	1	2	1	D	3	3	2	2	0	1	6
26	2	2	2	1	1	2	1	1	1	1	1	2	1	0	2	1	1	1	1	1	1	0	0	1	1
27	1	0	D	2	1	1	1	1	1	D	0	D	1	1	0	1	2	2	1	2	1	2	2	3	1
28	2	2	2	4	4	3	2	2	2	2	2	2	-	12	8	3	2	2	2	3	1	1	D	0	3
29	0	0	0	0	0	2	1	0	1	1	1	0	D	1	0	0	0	1	0	D	1	0	0	1	0
30	1	1	D	D	0	0	0	1	2	1	1	1	1	1	0	D	D	-	0	0	0	2	0	0	1
MEAN	18	21	2D	21	22	20	21	21	16	9	2	1	1	2	4	2	3	6	2	1	1	4	6	11	9.5

PERCENTAGE OF OATA VALID - 41.8 PERCENTAGE OF OATA INVALIO - 31.5 PERCENTAGE OF OATA UNAVAILABLE - 26.7

NOTES 1. "****" INOICATES INVALID OATA OUE TD INSTRUMENTATION FAILURE

2. "-" INOICATES OATA I5 UNAVAILABLE

3. "******" INDICATES LES5 THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S.NANTICOKE MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	2	2	2	1	0	.0	2	1	1	2	1	1	0	2	2	2	0	0	1	1
2	0	0	0	0	0	0	2	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0
3	1	0	1	0	1	1	2	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	1	0	2	2	1	0	0	0	0	1	1	1	2	1	1	0	1	1
5	1	1	2	2	2	3	1	0	2	1	0	0	0	2	0	1	1	1	2	4	3	3	0	2	1
6	1	1	2	2	1	2	1	3	2	1	-	-	2	3	2	2	0	0	1	0	1	0	1	1	1
7	1	1	0	0	0	1	1	2	0	1	0	0	0	1	1	0	1	2	0	0	0	1	0	0	1
8	2	2	2	1	1	2	1	1	4	3	3	1	4	6	4	3	3	1	1	3	0	0	1	1	2
9	1	1	2	2	2	1	1	1	1	0	1	4	6	6	4	1	1	1	1	2	3	3	0	1	2
10	2	2	1	1	1	1	1	1	2	2	1	-	-	12	10	8	6	-	3	4	3	3	-	-	3
11												- DATA UNAVAILABLE -													
12	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	1	1	1	0	0	2	2	2	1	******
13	0	1	1	3	2	3	6	4	5	-	-	-	-	-	-	-	-	-	-	1	1	0	0	1	******
14	1	2	1	0	0	0	0	1	1	0	0	1	1	2	2	1	1	1	2	0	2	2	0	1	1
15	1	2	1	2	5	5	4	5	3	1	1	1	1	2	1	0	0	1	2	2	1	1	1	0	2
16	1	2	1	1	2	0	1	2	0	0	0	2	2	2	2	0	1	0	0	0	0	1	0	2	1
17	3	1	2	2	2	1	0	0	0	1	1	1	1	1	2	2	1	2	1	1	1	2	0	1	1
18	0	0	1	2	1	2	1	0	1	0	-	1	0	1	0	0	0	0	0	1	0	1	1	0	1
19	1	1	1	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	0	0	0	0	1	0	0
20	0	0	2	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	1	0	1	1	0
21	0	0	0	0	0	0	0	1	0	1	-	-	-	****	****	****	****	****	****	****	****	****	****	****	******
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	-	0	1	1	2	0	2	2	1	1	******
28	1	1	0	1	0	1	0	1	1	1	1	1	2	2	0	1	1	1	1	0	1	1	1	0	1
29	0	0	0	0	1	0	1	2	0	1	1	1	1	1	0	0	1	1	2	2	2	0	1	2	1
30	1	2	1	1	1	2	0	0	1	2	2	2	0	1	1	2	1	2	0	1	1	0	0	2	1
31	2	2	2	1	0	1	1	1	1	0	1	1	-	2	2	1	1	0	2	2	1	1	2	3	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 72.7 PERCENTAGE OF DATA INVALID - 19.5 PERCENTAGE OF DATA UNAVAILABLE - 7.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S.NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR	30	27.1	135	167
MAY	28	4.2	16	71
JUN	5	1.4	3	8
JUL	6	2.4	5	24
AUG	23	2.6	12	130
SEP	20	34.6	73	180
OCT	3	2.0	5	23
NOV	12	9.5	60	128
DEC	21	1.1	3	12
YEAR	148	12.1	135	180

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - D.1 PARTS/MILLION

STATION - NMP ND 22903 CHEAPSIDE RO/WALPOLE CONC S,NANTICOKE

MONTH	DD TO 1D	11 TO 19	2D TO 3D	31 TO 6D	61 TO 90	91 - 140	141- 200	2D1&OVER	TOTAL
JAN	DATA UNAVAILABLE								
FEB	DATA UNAVAILABLE								
MAR	DATA UNAVAILABLE								
APR	475	22	17	63	26	80	23	D	7D6
MAY	623	19	21	18	2	0	D	D	683
JUN	120	0	0	D	D	0	0	D	12D
JUL	186	1	1	D	0	0	D	0	188
AUG	584	1	D	2	D	1	D	D	588
SEP	338	9	3	27	31	96	12	0	516
OCT	128	4	1	D	D	D	0	D	133
NOV	266	5	3	5	6	16	0	0	3D1
DEC	54D	1	0	D	0	0	D	D	541
YEAR	326D	62	46	115	65	193	35	0	3776

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	5D	70	9D	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
57.2	0	D.0	0.7	1.4	2.3	38.3	1D3.8	127.4	139.3	180	12.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP ND 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA UNAVAILABLE -																								
2	- DATA UNAVAILABLE -																								
3	- DATA UNAVAILABLE -																								
4	- DATA UNAVAILABLE -																								
5	-	-	-	-	-	-	-	-	-	-	-	-	-	28	12	12	12	12	10	11	13	13	14	16	******
6	13	13	9	19	20	9	8	8	9	9	8	9	9	9	1D	9	9	8	7	8	9	9	9	9	10
7	9	10	10	8	9	10	7	8	6	6	7	8	12	15	16	18	17	15	17	12	13	13	13	13	11
8	13	13	9	19	2D	9	8	8	9	9	8	9	8	6	7	7	7	5	8	7	7	6	7	8	9
9	9	8	6	5	5	4	4	5	6	6	5	5	7	7	8	7	7	8	8	10	9	8	9	9	7
1D	14	10	9	9	12	11	1D	1D	9	10	1D	9	9	13	13	12	12	1D	9	7	8	9	9	8	1D
11	8	8	10	1D	9	6	7	9	7	1D	9	8	9	8	7	7	8	6	7	9	6	7	7	6	8
12	5	5	5	5	5	6	5	6	7	8	8	17	11	9	7	7	6	7	8	10	9	8	9	9	8
13	9	10	10	11	1D	9	10	9	7	9	8	8	10	8	8	11	11	1D	10	9	10	10	9	9	9
14	12	11	12	17	19	2D	23	21	12	8	9	4	7	7	6	6	5	6	8	8	6	5	6	5	10
15	6	6	5	6	6	5	7	6	5	4	5	5	4	4	3	4	4	5	5	4	4	5	5	6	5
16	7	6	7	7	6	6	8	8	8	9	9	9	7	6	6	6	6	8	9	6	10	10	11	11	8
17	8	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
18	- DATA INVALID -																								
19	- DATA INVALID -																								
2D	- DATA INVALID -																								
21	- DATA INVALID -																								
22	- DATA INVALID -																								
23	- DATA INVALID -																								
24	- DATA INVALID -																								
25	- DATA INVALID -																								
26	- DATA INVALID -																								
27	- DATA INVALID -																								
28	- DATA INVALID -																								
29	- DATA INVALID -																								
3D	- DATA INVALID -																								
31	- DATA INVALID -																								
MEAN	9	9	8	11	11	9	9	9	8	8	8	8	8	1D	9	9	9	8	9	8	9	9	9	9	8.8

PERCENTAGE OF DATA VALID - 37.2 PERCENTAGE OF DATA INVALID - 46.1 PERCENTAGE OF DATA UNAVAILABLE - 16.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RO,NANTICOKE MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	7	7	8	6	7	8	******
6	7	7	7	6	8	9	10	9	10	7	7	7	5	5	6	6	6	5	3	4	4	5	4	5	6
7	4	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	5	6	7	4	3	6	4	4	4	******
9	4	5	5	3	4	4	4	6	4	5	4	3	5	5	5	6	6	5	5	3	4	5	6	5	5
10	5	5	4	4	3	3	4	3	4	5	3	4	4	5	4	4	3	2	3	6	8	6	6	10	5
11	8	7	7	7	5	7	6	5	5	5	5	6	5	3	4	5	3	4	3	4	5	4	4	7	5
12	5	3	4	6	4	4	5	4	4	3	6	4	5	6	4	5	6	6	5	6	6	5	7	3	5
13	5	6	5	4	4	5	4	4	6	5	4	7	6	7	6	7	5	6	9	4	7	5	4	5	5
14	6	5	6	4	6	5	6	7	7	7	8	9	6	5	5	5	4	5	3	5	4	5	2	4	5
15	6	7	5	4	5	3	5	2	3	3	3	5	4	5	5	5	5	5	5	6	5	6	6	5	5
16	4	5	6	4	5	4	5	5	6	5	5	4	3	4	4	4	6	4	3	4	4	4	7	6	5
17	5	5	4	4	5	3	4	4	5	4	5	5	2	4	4	3	3	4	5	3	3	4	5	4	4
18	4	5	6	6	4	4	4	3	4	4	4	3	2	4	3	4	5	6	3	4	5	4	5	4	4
19	4	5	6	4	4	5	4	5	4	4	3	4	5	4	6	5	8	9	4	6	9	7	6	6	5
20	8	5	10	12	9	8	5	4	2	4	6	7	5	5	6	3	6	5	5	4	5	6	8	6	6
21	10	9	10	6	5	5	4	5	6	5	6	6	5	5	5	5	6	6	6	8	8	6	7	6	6
22	6	7	5	6	5	5	6	4	4	5	7	6	7	8	10	8	9	8	7	5	7	4	5	7	6
23	6	11	7	9	6	6	5	6	6	7	7	8	8	7	8	7	6	7	7	3	11	6	11	6	7
24	8	9	11	8	8	13	13	7	6	8	8	8	8	9	8	7	7	7	6	6	7	8	7	6	8
25	6	7	5	7	7	5	5	8	7	6	7	8	9	10	12	13	9	7	7	7	8	5	6	8	7
26	5	6	6	5	6	7	6	6	7	7	4	4	5	5	7	9	7	7	1	6	8	6	7	6	6
27	7	5	5	4	3	3	5	4	4	3	****	****	****	****	****	6	8	9	7	6	6	8	8	4	6
28	6	9	5	8	5	5	7	7	7	5	5	5	7	8	7	7	5	6	8	7	7	6	7	5	6
29	4	8	7	6	7	6	4	5	5	5	5	4	6	4	6	5	6	6	6	5	3	5	4	4	5
30	5	6	5	6	6	5	5	3	5	6	6	7	5	5	4	5	3	5	5	6	7	4	3	5	5
MEAN	6	6	6	6	5	5	5	5	5	5	5	6	5	6	6	6	6	6	5	5	6	5	6	6	5.6

PERCENTAGE OF DATA VALID - 78.6 PERCENTAGE OF DATA INVALID - 13.1 PERCENTAGE OF DATA UNAVAILABLE - 8.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RO,NANTICOKE MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	7	5	5	4	5	5	6	6	8	7	4	4	6	7	3	5	5	6	6	7	9	****	6
2	-	-	-	-	-	-	-	-	-	-	6	7	6	5	6	7	5	7	5	8	8	8	3	10	******
3	7	8	9	5	7	5	6	4	8	6	7	6	7	6	-	-	6	5	5	6	4	7	5	9	6
4	4	4	4	5	6	7	7	8	4	4	4	6	5	9	5	4	4	7	3	7	5	6	4	9	5
5	5	8	6	6	5	6	7	6	7	3	4	4	6	9	7	8	5	7	9	4	4	5	5	4	6
6	7	6	6	6	6	6	6	7	7	4	3	7	4	6	9	8	9	6	6	5	8	5	8	0	6
7	5	5	10	6	6	6	7	7	5	6	4	9	14	11	11	10	11	10	9	10	7	11	19	12	9
8	13	10	8	9	12	6	4	6	10	10	10	13	11	11	8	10	11	10	7	10	5	6	7	5	9
9	6	4	5	4	8	4	7	7	10	9	10	10	13	12	9	11	16	14	14	9	8	9	7	7	9
10	9	7	10	5	7	7	5	10	12	15	11	15	12	10	11	10	10	8	10	6	4	4	7	3	9
11	6	6	4	4	4	1	2	6	8	8	10	8	12	11	13	11	12	11	11	8	8	7	10	8	8
12	9	8	4	10	5	5	6	7	12	10	11	10	12	12	12	10	9	10	4	6	5	8	8	5	8
13	4	3	4	5	3	2	1	1	2	1	2	2	4	7	4	3	6	4	4	5	5	4	4	4	4
14	4	6	4	4	4	4	8	5	9	2	8	10	6	8	4	-	6	6	6	7	6	7	4	4	6
15	1	1	3	4	8	5	5	4	6	6	4	6	3	3	6	5	7	4	6	7	5	5	6	5	5
16	4	4	3	2	4	2	4	5	4	2	5	4	3	4	6	5	9	7	6	9	8	7	6	3	5
17	7	4	10	2	8	8	4	8	6	6	11	5	4	8	6	8	8	8	9	4	4	6	5	4	6
18	4	5	5	7	6	5	3	7	5	12	10	-	-	13	13	10	10	9	11	10	13	6	7	6	8
19	6	5	7	4	2	9	3	9	13	12	14	12	14	16	16	13	11	12	12	10	10	7	8	7	10
20	6	4	7	6	4	5	3	6	10	7	9	10	13	11	10	10	11	12	13	10	8	8	6	4	8
21	6	9	5	9	6	6	5	4	7	6	7	12	5	5	6	7	6	5	7	5	4	5	8	8	6
22	9	7	8	6	10	6	8	6	8	7	5	6	6	5	10	6	10	5	4	8	6	7	7	6	7
23	5	12	8	13	9	9	4	2	5	5	8	12	12	9	8	12	10	6	2	4	3	4	3	5	7
24	6	5	7	7	8	6	6	8	11	8	10	7	10	11	8	10	8	7	9	6	4	9	6	4	8
25	5	8	6	6	8	6	4	10	9	6	9	8	7	6	6	5	6	4	8	5	7	5	5	4	6
26	6	9	4	5	4	4	4	5	6	4	2	4	4	5	6	8	9	6	5	3	2	6	7	6	5
27	7	5	4	4	6	8	6	4	4	5	4	5	5	6	6	10	7	5	7	6	5	6	6	4	6
28	5	4	10	16	5	6	5	4	4	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	6	6	6	6	6	5	5	6	7	7	7	8	8	8	8	8	8	7	7	7	6	6	7	6	6.8

PERCENTAGE OF DATA VALID - 86.3 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 13.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYOROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANOUSK RO,NANTICOKE MONTH - JUN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	5	3	2	5	6	******
2	8	3	1	3	3	3	6	3	2	6	4	4	7	5	5	5	5	4	3	3	3	2	1	2	4
3	3	5	5	2	3	6	4	5	4	4	5	4	6	7	5	7	4	4	5	5	5	4	3	2	4
4	3	4	4	4	4	4	6	3	10	7	8	5	9	6	7	7	6	9	5	6	7	6	5	7	6
5	5	8	6	7	2	5	4	7	5	6	4	4	3	6	5	5	6	3	6	4	5	3	4	2	5
6	2	0	0	0	2	3	1	3	2	5	8	7	11	6	9	6	6	5	6	8	3	3	2	4	4
7	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	9	7	4	8	6	7	******
9	6	7	6	8	9	4	7	2	6	6	4	8	7	8	7	7	5	8	6	9	8	5	3	4	6
10	5	4	8	8	7	9	3	6	4	8	4	6	9	5	5	6	4	6	6	6	6	3	5	5	6
11	7	5	3	4	4	3	2	3	2	1	4	4	2	4	3	2	2	4	6	0	0	1	3	4	3
12	4	3	4	2	4	4	1	3	2	2	1	1	2	6	-	2	7	5	2	4	6	2	4	2	3
13	3	3	4	3	2	4	4	4	2	6	6	4	9	4	5	4	10	5	6	7	3	5	5	9	5
14	8	3	3	2	2	3	3	3	4	8	4	9	5	5	8	7	9	6	4	11	5	5	4	8	5
15	8	6	7	14	11	10	8	12	8	9	10	10	9	14	8	6	7	8	10	8	5	8	6	4	9
16	6	7	4	7	5	8	12	8	5	6	11	10	9	8	14	10	7	9	9	8	4	6	5	5	8
17	6	7	6	4	3	6	6	6	10	8	9	10	10	9	9	6	10	8	5	4	8	5	8	5	7
18	6	7	4	3	5	4	3	4	2	2	2	2	2	3	7	4	5	5	5	5	3	5	5	4	4
19	1	5	5	2	1	4	6	4	5	8	8	7	11	6	8	6	6	6	6	5	5	2	2	2	5
20	3	7	4	2	2	4	5	8	5	8	6	8	5	12	8	10	10	12	6	8	5	5	5	8	7
21	4	6	6	4	6	8	6	4	11	4	10	8	11	4	8	8	7	6	9	3	-	-	-	-	7
22												- OATA UNAVAILABLE -													
23												- OATA UNAVAILABLE -													
24												- OATA UNAVAILABLE -													
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	5	6	6	3	2	3	******
26	6	4	5	3	4	5	3	3	8	3	10	9	8	6	8	9	5	7	10	10	6	4	3	2	6
27	4	4	6	3	7	4	5	5	8	8	8	6	7	8	9	6	6	5	4	5	3	6	4	6	6
28	7	3	6	3	4	4	3	7	4	6	3	9	11	6	7	7	7	10	8	2	6	7	5	12	6
29	14	8	4	6	5	4	2	12	7	6	7	6	7	8	6	7	9	8	6	7	8	5	1	7	7
30	6	6	7	9	6	6	4	6	6	8	6	5	6	7	5	8	6	6	10	6	7	6	5	6	6
MEAN	5	5	5	4	4	5	5	5	5	6	6	6	7	7	7	6	6	7	6	6	5	4	4	5	5.6

PERCENTAGE OF OATA VALIO - 78.9 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 21.1

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYOROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANOUSK RO,NANTICOKE MONTH - JUL 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	5	5	8	6	9	8	6	6	6	3	7	8	5	6	7	6	4	8	3	10	7	5	5	6
2	5	6	7	5	6	4	4	5	4	9	5	7	4	10	4	8	5	6	5	9	7	7	8	2	6
3	4	2	4	6	1	2	4	5	5	5	6	6	7	5	6	10	8	5	4	4	3	5	4	4	5
4	5	4	3	1	3	2	4	5	4	6	7	8	5	3	5	5	6	8	5	4	3	5	2	0	4
5	3	2	2	4	5	4	4	3	4	4	1	2	2	10	-	12	10	11	10	8	12	10	8	5	6
6	4	4	6	6	4	8	7	8	6	10	11	16	12	15	13	14	12	13	12	11	8	13	8	9	10
7	5	11	9	9	7	8	6	11	13	14	13	13	12	13	13	12	14	16	12	11	15	18	10	10	11
8	12	9	9	13	15	10	10	10	14	16	14	16	14	15	16	16	14	12	16	13	10	16	22	15	14
9	20	12	10	15	12	8	12	14	11	13	12	14	12	12	13	14	14	14	13	14	12	12	10	12	13
10	9	14	14	12	13	13	12	14	14	9	13	8	14	14	14	12	14	12	12	9	-	-	-	-	12
11	-	-	-	-	-	-	-	-	-	-	13	13	12	14	14	15	12	16	12	11	11	13	16	14	******
12	14	9	14	14	13	13	12	16	14	14	16	14	13	12	12	15	17	13	15	14	12	15	15	11	14
13	19	17	11	13	11	7	10	9	12	9	13	14	12	12	14	11	12	11	12	10	12	12	11	12	12
14	11	14	16	11	12	16	8	16	13	10	15	12	10	16	14	12	14	13	11	13	10	13	12	11	13
15	14	11	13	11	12	14	14	12	13	13	13	13	14	11	12	14	10	15	13	12	14	11	10	16	13
16	20	21	12	14	9	16	12	15	12	12	37	18	17	17	15	12	13	12	12	11	14	12	9	7	15
17	10	12	11	8	9	10	10	9	11	11	10	10	9	13	11	13	11	10	12	13	13	13	10	8	11
18	11	11	6	5	6	5	9	9	9	15	13	13	-	-	-	-	-	-	-	-	-	-	-	-	******
19												- OATA UNAVAILABLE -													
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6	6	7	12	16	20	******
21	23	17	16	14	8	11	12	11	10	10	8	9	9	10	10	8	12	12	12	12	15	17	16	13	12
22	16	18	13	13	15	12	16	12	10	10	12	10	12	8	8	8	8	10	11	14	17	18	14	28	13
23	17	14	16	15	13	11	11	12	10	13	12	9	9	15	11	11	12	11	14	11	12	11	11	11	12
24	9	18	13	15	10	10	12	13	9	10	10	11	14	12	11	-	10	10	8	11	13	10	12	12	11
25	10	11	11	9	9	9	9	8	10	8	10	10	10	-	17	15	14	11	15	14	16	13	15	13	12
26	16	15	14	16	15	14	12	14	14	-	10	9	8	10	10	11	12	9	10	11	11	10	16	10	12
27	12	12	13	14	13	14	15	14	13	14	12	9	8	10	10	8	9	14	8	10	8	8	14	10	11
28	12	9	13	14	11	10	12	10	9	10	13	10	12	11	11	10	12	11	9	12	14	28	13	8	12
29	10	9	14	10	6	11	8	7	6	8	9	6	5	6	8	8	8	11	9	10	9	9	12	14	9
30	13	10	10	14	11	12	11	11	11	8	10	6	7	6	7	8	6	9	8	9	8	8	9	9	9
31	11	10	10	9	11	12	12	8	10	9	-	9	8	9	10	10	7	9	8	5	7	10	5	11	9
MEAN	12	11	11	11	10	10	10	10	10	10	11	10	10	11	11	11	11	11	10	10	11	12	11	11	10.6

PERCENTAGE OF OATA VALIO - 90.3 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 9.7

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	12	10	10	8	10	9	7	10	9	8	8	9	-	-	7	6	7	8	6	5	8	10	5	8
2	6	8	7	9	8	8	7	6	8	9	8	7	6	7	8	8	7	8	8	8	10	8	6	6	8
3	7	9	9	7	8	8	7	6	7	8	-	7	7	7	10	9	7	7	10	11	9	8	7	8	8
4	8	9	11	13	10	12	10	10	8	10	10	10	11	9	11	12	7	4	8	8	7	6	8	6	9
5	7	10	6	16	10	14	10	9	7	7	9	11	8	7	7	11	8	3	8	6	9	10	7	3	8
6	10	7	8	4	8	9	6	5	4	6	7	5	8	7	-	9	8	7	10	7	6	10	8	11	7
7	10	8	8	10	8	8	8	10	9	10	6	4	5	-	6	8	10	8	6	-	-	-	-	-	8
8												- OATA UNAVAILABLE -													
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	10	6	5	7	8	7	8	12	******
10	10	13	10	8	7	8	10	12	11	10	11	13	10	8	10	12	12	10	11	8	7	8	6	8	10
11	9	10	8	8	7	7	5	3	1	2	3	1	6	10	8	8	4	6	8	6	8	6	7	8	6
12	9	8	8	10	4	5	8	10	10	8	6	3	8	8	7	3	6	4	7	9	7	4	6	7	7
13	8	10	10	6	6	7	9	10	6	7	7	8	8	9	10	6	8	7	9	9	8	6	11	8	8
14	8	10	12	6	8	5	10	6	10	7	4	3	2	-	-	5	6	5	4	3	4	3	7	4	6
15	4	3	4	5	4	4	8	5	3	2	4	3	1	6	7	4	2	16	9	11	8	9	13	5	6
16	8	4	5	3	6	3	2	6	2	7	3	2	2	5	8	7	4	3	2	7	8	12	12	6	5
17	7	8	6	5	2	10	6	12	3	5	4	2	5	3	-	6	7	9	6	7	8	6	7	4	6
18	6	6	6	9	8	8	8	8	9	10	10	8	8	7	11	11	8	9	12	14	12	12	13	8	9
19	8	8	7	7	6	10	7	7	9	10	10	5	7	8	8	2	2	2	3	2	4	8	9	6	6
20	9	6	8	9	10	11	6	8	8	6	5	5	7	5	5	3	8	9	9	12	10	11	8	7	8
21	14	10	9	5	2	8	11	10	5	10	5	7	5	6	7	8	10	8	8	8	8	8	7	8	8
22	8	9	7	10	12	9	10	5	6	4	5	7	6	7	4	-	4	6	7	6	4	5	6	4	7
23	7	5	7	3	5	3	4	5	5	4	8	7	6	4	-	8	9	7	10	10	8	10	10	8	7
24	5	4	9	10	10	9	7	8	10	8	10	6	6	6	7	6	6	6	6	4	6	6	4	5	7
25	8	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
26												- OATA UNAVAILABLE -													
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	8	5	4	9	10	11	******
28	4	4	8	9	6	6	8	5	5	8	9	7	4	8	10	8	6	9	8	10	6	6	-	-	7
29												- OATA INVALIO -													
30												- OATA INVALID -													
31	****	****	****	****	****	****	****	****	****	****	****	****	****	7	8	10	6	5	6	3	7	5	9	7	******
MEAN	8	8	8	8	7	8	8	8	7	7	7	6	6	7	8	7	7	7	8	7	7	8	8	7	7.3

PERCENTAGE OF DATA VALID - 75.8 PERCENTAGE OF DATA INVALID - 6.2 PERCENTAGE OF DATA UNAVAILABLE - 18.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	7	12	9	9	11	13	7	5	7	6	6	5	6	7	8	8	7	4	5	4	5	6	7	7
2	5	7	5	5	6	4	5	5	5	4	3	4	6	7	7	8	6	6	4	6	4	6	6	7	5
3	6	8	10	6	4	5	4	4	6	5	6	6	5	7	8	10	11	8	6	8	4	8	6	7	7
4	7	8	12	11	10	7	5	5	7	6	5	4	-	-	6	9	9	9	7	6	6	8	5	6	7
5	8	8	8	9	10	6	8	7	4	6	9	10	11	-	-	-	9	9	6	7	6	9	6	6	8
6	5	8	7	7	13	11	9	8	8	9	7	4	6	6	4	6	8	4	6	6	8	8	7	8	7
7	8	10	8	6	8	9	8	8	8	7	7	8	8	8	8	8	8	10	8	8	10	9	8	7	8
8	5	3	3	5	7	5	6	6	6	9	8	8	6	8	7	6	4	4	4	6	7	7	6	7	6
9	7	5	5	5	6	7	9	8	6	6	6	8	6	4	4	6	8	10	10	9	9	8	9	10	7
10	6	6	7	6	6	10	7	9	10	11	10	12	5	6	8	9	8	8	7	8	8	9	7	10	8
11	8	8	10	11	8	7	6	8	7	9	8	7	6	5	6	6	5	7	7	6	7	9	7	5	7
12	7	5	6	4	4	5	6	7	6	6	7	4	5	6	6	5	5	6	5	8	8	9	9	7	6
13	8	6	6	6	9	9	6	10	7	7	6	6	3	3	4	7	4	7	8	8	6	10	8	9	7
14	8	5	7	7	6	6	6	5	9	10	9	10	9	10	-	7	5	5	9	10	8	7	7	7	7
15	5	5	10	12	8	13	8	10	7	6	5	4	4	7	6	7	6	6	6	12	14	8	8	13	8
16	17	32	7	9	21	25	9	4	7	10	6	6	4	5	6	7	5	5	7	14	11	7	10	16	10
17	17	10	7	8	9	8	7	8	5	5	-	5	6	6	6	4	9	5	6	6	7	6	6	8	7
18	6	4	7	7	9	9	6	8	5	6	7	6	6	6	8	8	9	7	8	7	6	9	7	6	7
19	8	5	6	7	6	7	6	8	7	7	10	6	5	5	8	4	6	7	6	4	3	6	7	7	6
20	7	5	7	8	8	9	7	7	6	6	5	4	6	6	4	6	7	7	7	6	7	8	8	6	7
21	10	8	7	9	8	7	7	8	7	8	11	8	8	7	7	9	5	8	6	6	8	6	8	6	8
22	7	8	6	6	7	9	9	7	6	5	5	6	6	6	6	4	3	4	5	8	6	6	6	5	6
23	5	5	5	6	8	7	8	5	5	7	5	3	3	4	9	10	7	6	9	9	7	6	8	7	6
24	6	6	6	6	7	8	8	8	11	9	6	8	5	4	5	4	5	6	6	6	6	8	6	5	6
25	4	8	5	8	6	6	9	6	6	6	8	6	5	4	4	5	7	7	6	7	11	10	23	9	7
26	14	16	26	38	9	6	6	8	9	6	8	6	7	6	5	6	6	6	9	14	8	8	7	8	10
27	8	14	19	10	9	10	10	8	7	7	4	5	6	6	6	6	4	5	5	8	9	4	5	6	8
28	6	6	5	6	6	6	-	-	-	-	-	-	-	-	-	6	6	9	8	8	8	7	10	8	******
29	9	7	7	12	9	12	10	9	7	5	4	6	4	5	6	4	7	4	8	8	8	6	7	9	7
30	6	7	7	7	8	6	8	6	6	6	5	6	4	4	5	6	8	4	8	9	12	6	8	7	7
MEAN	8	8	8	9	8	8	7	7	7	7	7	6	6	6	6	7	7	7	7	8	8	7	8	8	7.2

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RO.NANTICOKE MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	7	6	8	7	8	5	7	8	6	5	6	6	6	-	6	5	4	5	6	6	7	8	6	6
2	4	4	6	6	4	5	5	6	6	6	6	5	6	3	4	5	5	6	7	6	6	7	6	7	5
3	4	8	8	4	4	5	5	6	6	7	6	6	4	6	7	6	10	10	7	8	7	8	6	6	6
4	10	10	8	6	6	6	5	6	8	5	-	7	6	6	5	6	6	6	6	7	6	6	7	4	6
5	9	7	8	6	9	6	6	13	11	9	7	6	5	10	6	10	6	14	4	4	6	10	11	12	8
6	10	7	10	5	8	7	8	7	5	4	9	10	6	10	6	7	6	5	4	6	6	9	7	6	7
7	6	4	5	6	4	6	5	6	8	5	8	6	-	6	4	5	5	8	4	4	5	6	10	8	6
8	6	6	9	8	8	4	4	6	6	4	8	6	4	4	5	3	2	4	3	7	7	6	10	4	6
9	4	10	6	7	7	8	6	4	3	6	7	7	6	5	7	8	4	6	4	4	4	5	7	7	6
10	6	6	4	6	3	5	7	4	4	4	5	4	4	5	-	6	4	6	4	6	6	4	8	9	5
11	12	25	14	8	8	6	6	6	4	4	4	5	5	7	10	8	3	6	4	5	7	5	6	5	7
12	4	6	7	4	10	6	6	5	5	6	6	4	5	6	5	7	6	8	8	10	9	8	7	6	6
13	8	6	4	7	6	5	4	3	4	6	5	5	4	4	5	6	5	6	6	5	8	5	8	6	5
14	6	7	7	5	4	7	8	9	4	6	6	4	6	4	5	5	4	7	10	8	8	7	7	5	6
15	10	7	6	4	6	6	7	7	8	8	8	7	6	8	6	6	6	6	4	5	9	7	8	6	7
16	4	7	5	5	6	6	6	6	5	5	4	3	7	4	7	5	8	8	8	4	4	6	8	9	6
17	5	5	4	3	4	6	6	4	3	7	4	4	6	9	6	10	9	10	11	11	14	14	4	9	7
18	6	5	5	6	5	8	10	6	5	6	5	6	7	8	10	6	8	5	5	4	5	6	5	4	6
19	5	6	4	8	7	6	6	6	8	4	6	5	4	6	-	5	5	5	4	6	4	7	7	6	6
20	4	5	5	5	3	5	5	6	6	8	3	3	6	8	8	6	6	6	6	9	10	6	7	9	6
21	6	6	6	3	10	4	5	5	6	6	6	8	6	5	6	6	5	4	5	7	6	6	8	6	6
22	8	6	5	7	4	3	6	3	3	3	4	3	4	4	5	5	4	7	8	6	6	6	7	6	5
23	8	5	5	7	4	5	5	6	6	6	6	5	4	3	3	4	4	2	4	6	5	4	4	5	5
24	6	5	6	6	5	4	5	6	6	6	5	4	3	-	8	6	4	4	4	4	5	5	7	4	5
25	6	4	4	4	5	8	6	6	5	5	6	8	7	5	5	4	6	5	7	6	5	6	6	5	6
26	4	4	4	6	4	4	7	9	5	7	-	-	7	6	8	9	7	9	9	10	13	12	13	14	8
27	11	14	14	10	10	13	11	14	13	10	5	8	6	5	5	5	5	6	7	7	7	6	6	5	8
28	6	6	7	8	7	8	9	8	7	9	10	7	10	7	8	8	8	8	9	8	8	6	5	9	8
29	7	7	10	10	10	8	9	11	9	6	6	-	6	5	5	7	6	6	4	4	4	5	5	5	7
30	7	4	5	5	5	4	4	4	6	6	5	5	7	8	7	6	6	9	7	6	8	6	7	6	6
31	6	5	4	7	4	6	7	5	7	10	5	8	10	5	6	6	6	5	5	6	5	6	8	4	6
MEAN	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	6.3

PERCENTAGE OF DATA VALIO - 98.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. "*****" INDICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	8	6	8	5	5	5	7	9	5	7	6	6	4	-	6	8	6	6	5	7	7	7	6	6
2	6	5	4	4	5	5	7	8	7	7	7	6	5	8	10	8	6	6	5	5	5	5	4	3	6
3	4	4	5	4	4	5	5	4	4	6	5	3	4	3	4	6	10	6	5	6	6	7	8	11	5
4	6	9	6	5	4	2	2	3	4	4	5	4	6	4	4	7	8	8	8	7	7	9	9	6	6
5	5	6	6	6	5	4	4	4	4	4	5	2	6	5	6	7	7	7	7	8	9	7	4	6	6
6	5	6	6	7	7	7	8	6	6	7	8	8	5	7	7	7	7	7	8	2	3	4	4	5	6
7	5	5	5	4	3	3	2	2	3	3	3	4	1	2	2	3	-	5	4	3	2	4	4	4	3
8	4	3	2	4	4	5	6	6	6	8	7	5	5	6	6	6	6	7	6	5	4	3	4	4	5
9	6	10	6	5	4	5	6	5	4	4	5	4	4	26	-	****	****	****	****	****	****	****	****	****	******
10												- DATA INVALID -													
11												- OATA INVALIO -													
12												- OATA INVALIO -													
13												- OATA INVALIO -													
14												- OATA INVALID -													
15												- OATA INVALIO -													
16	****	****	****	****	****	****	****	****	****	****	****	****	****	-	-	17	5	5	5	8	9	8	6	6	******
17	6	6	5	6	6	6	6	5	6	8	7	5	4	5	6	8	8	9	11	10	9	6	4	6	7
18	5	10	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	9	8	9	12	11	9	10	******
20	9	10	11	12	12	9	10	10	8	8	8	11	10	11	9	10	10	12	20	8	9	7	4	6	10
21	6	6	6	4	5	3	4	2	4	5	6	7	9	9	9	10	7	4	4	6	6	8	8	6	6
22	10	10	9	10	9	9	8	4	3	4	6	7	5	4	4	5	5	5	6	8	9	8	8	4	7
23	4	6	6	4	4	5	9	9	8	2	4	4	6	8	7	9	8	6	7	7	7	6	1	2	6
24	8	7	7	6	8	9	10	7	6	4	4	6	6	8	6	8	9	8	8	8	9	10	8	9	7
25	6	8	8	5	8	10	7	8	8	8	7	6	5	7	6	9	7	6	9	10	11	10	10	12	8
26	6	7	8	5	7	6	7	9	10	8	7	5	4	3	4	5	3	4	6	5	5	5	6	6	6
27	7	7	6	5	4	5	6	4	4	6	4	5	6	6	6	8	9	9	10	6	4	6	6	7	6
28	4	6	9	8	8	8	6	8	10	8	7	6	-	1	4	5	6	5	6	7	7	6	6	4	6
29	6	6	4	3	6	5	5	6	8	9	10	5	6	4	5	6	6	6	5	4	6	6	5	5	6
30	6	6	6	6	7	7	6	4	5	5	5	4	5	4	6	6	6	7	7	6	6	5	5	5	6
MEAN	6	7	7	6	6	6	6	6	6	6	6	5	5	6	6	7	7	7	7	7	7	7	6	6	6.3

PERCENTAGE OF OATA VALID - 71.0 PERCENTAGE OF DATA INVALID - 23.1 PERCENTAGE OF OATA UNAVAILABLE - 6.0

NOTES 1. "*****" INOICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	2	4	5	3	3	3	5	6	6	4	2	4	8	8	6	4	4	4	3	3	4	5	6	4
2	6	6	5	7	8	8	7	8	6	4	5	6	4	5	5	4	4	8	8	7	4	5	6	6	6
3	5	6	7	6	4	5	6	5	5	6	5	5	3	2	3	-	4	4	4	7	6	8	6	4	5
4	4	4	4	5	6	6	3	4	4	6	6	4	3	2	3	4	5	5	4	3	7	7	4	4	4
5	5	4	5	6	8	4	5	6	7	8	4	7	10	6	3	6	6	4	4	4	5	5	4	4	5
6	4	4	4	6	5	2	5	5	6	6	4	9	8	6	4	8	4	8	8	9	5	5	7	22	6
7	8	6	7	8	7	6	4	5	6	6	5	8	6	7	6	6	7	6	8	6	4	4	5	4	6
8	4	4	4	5	5	4	5	6	5	5	7	6	3	4	4	5	4	2	3	4	3	2	2	3	4
9	4	4	4	4	4	4	4	7	8	5	6	5	6	9	8	8	7	5	6	5	4	5	6	8	6
10	6	6	6	6	6	5	5	4	5	5	4	5	4	-	-	4	5	6	2	4	4	2	4	4	5
11	3	4	5	7	6	8	8	6	6	6	5	6	5	5	6	9	8	7	6	5	5	4	4	5	6
12	6	6	6	6	4	5	8	5	6	6	6	7	4	3	4	3	6	6	6	5	5	5	6	6	5
13	4	3	3	3	4	4	4	5	6	4	8	5	7	6	6	7	8	6	4	5	6	4	4	5	5
14	5	6	6	5	4	3	4	5	5	6	6	8	7	4	4	4	7	6	6	5	5	9	8	4	6
15	5	9	8	8	4	7	4	3	7	8	2	5	6	8	5	6	6	6	4	8	7	5	6	7	6
16	8	6	6	6	7	5	7	5	5	8	4	4	5	6	5	5	4	6	5	4	4	5	5	5	5
17	6	4	4	3	4	5	6	5	4	4	4	3	5	4	4	-	2	2	2	5	6	6	5	6	4
18	4	4	6	6	4	6	7	5	5	2	5	6	2	3	-	-	-	-	-	-	-	-	-	-	******
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6	6	5	6	5	4	******
20	3	4	6	8	7	6	6	6	6	5	5	5	3	3	4	5	5	5	4	6	5	4	5	3	5
21	2	4	5	6	3	2	3	5	5	5	3	3	5	4	5	5	4	6	7	7	5	6	7	5	5
22	5	4	5	6	5	7	5	5	6	6	6	4	7	8	5	4	6	4	4	5	4	4	5	3	5
23	6	6	7	5	6	6	6	7	4	4	6	3	5	6	4	4	4	6	6	4	6	6	5	4	5
24	5	5	5	4	5	5	6	8	6	6	6	-	5	9	5	6	6	7	6	4	5	8	6	6	6
25	5	6	4	5	4	7	8	10	9	9	4	4	5	6	6	6	6	4	4	4	5	4	6	6	6
26	6	5	4	6	7	9	9	8	6	4	5	5	4	5	6	4	6	6	3	3	5	6	4	5	5
27	7	8	6	4	5	6	7	5	4	5	2	2	4	5	4	-	-	5	6	4	5	7	5	6	5
28	4	5	6	4	5	8	4	5	4	4	5	3	4	5	4	4	4	3	4	2	4	6	8	6	5
29	10	10	4	2	4	4	6	4	5	7	9	5	5	6	7	7	6	10	6	7	6	6	4	5	6
30	4	4	6	4	6	8	8	6	7	5	7	8	3	5	6	4	6	4	8	10	6	4	9	11	6
31	4	4	6	8	6	7	7	9	8	8	5	-	7	5	7	8	7	4	4	6	8	7	5	8	6
MEAN	5	5	5	5	5	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5.3

PERCENTAGE OF DATA VALID - 95.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 4.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	11	8.8	11	28
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR	23	5.6	8	13
MAY	26	6.8	10	19
JUN	23	5.6	9	14
JUL	27	10.6	15	37
AUG	23	7.3	10	16
SEP	29	7.2	10	38
OCT	31	6.3	8	25
NOV	20	6.3	10	26
DEC	29	5.3	6	22
YEAR	242	6.9	15	38

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD.NANTICOKE

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	224	47	6	0	0	0	0	0	277
FEB	DATA UNAVAILABLE								
MAR	DATA UNAVAILABLE								
APR	557	9	0	0	0	0	0	0	566
MAY	574	68	0	0	0	0	0	0	642
JUN	550	18	0	0	0	0	0	0	568
JUL	312	351	8	1	0	0	0	0	672
AUG	518	46	0	0	0	0	0	0	564
SEP	665	33	4	2	0	0	0	0	704
OCT	711	23	1	0	0	0	0	0	735
NOV	495	14	2	0	0	0	0	0	511
DEC	707	1	1	0	0	0	0	0	709
YEAR	5313	610	22	3	0	0	0	0	5948

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
81.0	0	3.2	4.7	5.8	7.4	10.3	12.2	14.1	15.8	38	6.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5	6	5	4	5	5	5	6	6	7	******
10	4	4	3	4	5	5	4	5	5	5	4	5	6	4	3	5	6	1	2	1	1	2	1	0	4
11	3	2	2	4	3	2	2	3	3	2	2	3	3	4	4	5	4	4	4	4	4	4	4	4	3
12	3	4	3	4	3	4	3	4	4	4	3	4	4	4	3	2	4	3	3	3	3	4	3	3	3
13	3	4	2	3	3	3	4	3	3	3	3	3	3	4	3	1	4	5	3	5	6	5	4	4	4
14	4	4	4	3	4	4	2	4	4	5	4	5	4	2	3	****	2	3	4	4	4	4	4	4	4
15	4	4	3	3	3	4	3	3	3	4	4	4	3	2	2	2	3	3	4	4	2	3	2	3	3
16	3	2	2	2	3	4	4	4	2	2	2	3	2	3	3	4	3	3	2	2	3	2	2	2	3
17	3	3	3	4	4	3	3	3	4	2	2	1	3	2	3	3	4	3	2	2	2	2	2	2	3
18	3	2	2	1	1	2	2	2	2	0	2	3	4	2	3	4	3	2	3	4	3	3	2	3	2
19	4	2	3	4	4	4	3	3	3	4	4	2	4	4	3	3	3	4	3	2	4	2	4	2	3
20	4	3	3	2	3	2	2	2	2	4	3	3	4	2	3	3	3	3	3	2	2	2	2	3	3
21	3	3	4	2	3	3	3	2	2	3	2	3	2	2	3	4	4	2	2	2	2	2	1	1	3
22	2	2	2	2	2	2	3	2	3	4	4	3	4	4	4	4	4	5	2	2	3	3	2	2	3
23	2	1	2	3	2	2	3	3	4	4	2	3	4	6	4	2	3	4	3	3	3	2	2	2	3
24	4	4	3	2	4	2	2	2	2	2	2	3	4	4	-	-	7	7	8	8	8	9	9	8	5
25	7	5	5	7	4	5	6	4	6	5	4	5	6	7	6	4	6	6	7	6	6	6	6	7	6
26	8	6	5	6	6	5	6	6	6	6	8	8	7	6	6	7	8	9	6	-	-	-	-	-	7
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	8	8	6	5	8	6	7	******
28	6	8	7	6	6	6	6	5	6	6	6	3	6	5	-	6	6	6	8	7	6	6	5	6	6
29	6	6	6	7	8	8	7	8	8	7	7	7	6	6	6	8	7	7	5	6	4	5	5	6	7
30	7	9	8	6	7	6	6	9	6	5	6	6	7	7	8	7	8	8	7	5	7	6	5	5	7
31	6	7	7	8	8	7	6	6	6	5	-	6	6	7	7	5	6	6	5	5	4	5	5	7	6
MEAN	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4.1

PERCENTAGE OF DATA VALID - 69.0 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 28.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	6	8	8	6	8	6	6	6	6	7	8	8	6	8	8	8	8	6	7	7	7	6	7
2	5	6	7	6	7	6	6	6	7	6	6	6	7	7	5	4	6	6	5	5	6	7	6	4	6
3	7	6	6	4	6	5	6	7	6	5	6	6	7	6	5	5	6	6	5	5	6	5	6	4	6
4	7	7	6	5	5	5	5	4	4	5	4	6	6	8	7	6	5	6	6	6	6	4	6	5	6
5	7	9	8	6	6	7	6	7	6	8	8	9	4	7	8	9	6	6	5	5	7	7	6	6	7
6	8	10	12	13	11	10	10	10	7	6	5	4	4	-	-	9	8	8	8	7	8	7	7	6	8
7	6	6	6	6	6	6	4	4	5	7	4	6	4	5	-	-	-	-	-	-	-	-	-	-	******
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4	4	4	3	6	6	******
12	5	6	6	5	6	6	6	6	6	6	6	6	6	6	7	8	9	8	8	7	9	9	9	9	7
13	5	6	7	6	7	8	7	9	6	7	6	7	8	8	8	9	8	8	8	8	7	8	9	8	7
14	8	7	7	7	7	7	6	6	6	6	6	7	4	5	6	5	6	6	6	6	5	6	6	6	6
15	5	6	6	6	8	6	5	5	5	4	4	4	5	6	5	5	6	6	5	4	5	5	5	5	5
16	4	5	6	6	5	6	6	6	5	5	7	6	8	6	6	7	6	6	6	6	6	5	6	7	6
17	6	5	6	6	7	6	6	6	5	9	10	7	8	6	7	6	8	8	7	8	7	8	7	6	7
18	6	7	4	6	8	7	7	8	6	7	8	8	7	8	8	10	10	7	6	7	6	5	5	6	7
19	7	6	5	6	6	6	5	5	7	6	6	5	5	4	5	7	-	3	5	6	5	5	6	8	6
20	7	6	6	5	7	8	9	9	7	6	-	3	4	6	-	-	5	5	5	5	6	6	5	5	6
21	7	7	6	6	6	6	7	7	8	7	6	7	9	8	9	8	9	8	9	7	6	5	4	5	7
22	3	4	5	5	6	6	4	6	5	5	6	5	4	4	5	5	4	4	4	4	4	4	4	4	5
23	7	6	6	6	6	6	6	7	8	5	6	6	4	4	4	4	3	4	3	4	3	4	5	6	5
24	4	5	5	5	5	6	6	7	7	6	4	6	6	5	6	6	7	8	6	6	6	6	6	8	6
25	7	6	6	7	8	7	6	6	6	8	8	-	10	8	10	10	9	9	7	7	7	8	7	5	7
26	5	7	7	6	7	7	7	7	6	4	5	5	6	6	8	8	8	8	7	7	6	4	6	5	6
27	6	6	7	7	7	8	8	7	7	7	7	7	6	6	7	6	6	6	5	6	6	6	7	7	7
28	6	6	6	7	9	9	6	7	7	8	7	6	5	6	-	5	6	6	8	9	7	7	8	8	7
29	8	7	8	8	8	6	8	7	5	6	5	4	6	8	8	6	6	7	6	6	5	7	7	5	7
30	5	8	6	6	6	8	8	6	5	6	8	6	7	7	10	8	8	8	5	7	6	7	6	7	7
MEAN	6	6	6	6	7	7	6	7	6	6	6	6	6	6	7	7	7	7	6	6	6	6	6	6	6.3

PERCENTAGE OF DATA VALID - 85.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 14.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	7	8	8	10	10	10	5	6	6	4	8	6	-	10	9	10	7	8	5	7	8	8	8
2	5	5	7	7	6	6	7	7	8	7	8	8	9	6	6	4	6	6	7	5	4	5	7	5	6
3	7	6	6	7	7	4	4	6	6	7	8	5	5	6	5	6	5	7	6	8	6	5	8	8	6
4	7	6	5	6	4	4	6	4	7	6	6	6	6	6	6	5	6	6	7	6	6	6	6	5	6
5	8	6	7	6	6	8	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	5	4	5	5	4	5	4	5	******
10	5	6	6	6	6	8	5	6	6	8	7	6	6	5	6	5	6	6	6	6	6	6	4	5	6
11	4	5	6	8	8	6	5	5	6	7	6	5	9	7	6	6	6	7	4	7	4	4	4	6	6
12	6	7	7	8	7	7	8	7	8	9	5	5	6	6	8	8	7	7	6	6	8	6	6	6	7
13	4	7	5	5	4	5	3	3	4	4	5	3	4	6	5	4	8	6	8	6	5	5	8	7	5
14	6	7	6	5	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
15												- DATA UNAVAILABLE -													
16	-	-	-	-	-	-	-	-	-	-	-	12	13	13	10	10	8	8	6	7	7	6	7	7	******
17	6	6	7	7	7	7	8	6	6	6	6	6	8	6	6	6	7	8	7	7	6	7	6	6	7
18	8	7	7	8	7	6	6	6	6	6	7	4	7	7	7	7	7	7	5	6	5	6	7	6	6
19	8	7	7	6	4	6	7	4	8	7	6	8	9	8	8	7	6	6	6	7	8	7	8	7	7
20	7	6	7	8	6	10	8	8	7	6	8	9	6	7	7	8	8	10	7	8	7	7	7	6	7
21	7	6	7	8	7	8	7	6	6	8	6	6	7	5	8	8	8	6	7	6	4	4	4	6	6
22	7	6	6	6	6	10	6	6	6	-	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	6	6	6	7	6	7	7	6	6	7	6	6	7	7	7	7	7	7	6	7	6	6	6	6	6.5

PERCENTAGE OF DATA VALID - 47.8 PERCENTAGE OF DATA INVALID - 30.9 PERCENTAGE OF DATA UNAVAILABLE - 21.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC S.NANTICOKE MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA INVALID -																								
2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	6	7	8	4	4	4	6	******
3	7	6	6	5	6	6	6	6	8	5	4	4	5	5	5	5	5	5	8	7	6	6	7	5	6
4	5	6	7	7	8	7	6	6	8	6	6	6	5	6	6	7	6	6	7	6	5	5	5	5	6
5	6	8	6	8	7	6	6	8	8	6	6	7	6	6	7	6	6	6	5	6	7	6	7	7	7
6	7	6	6	6	6	7	7	8	10	-	-	9	7	7	7	8	8	6	6	6	6	7	8	8	7
7	8	8	8	9	6	6	7	7	8	6	8	6	6	-	7	7	6	8	8	7	6	9	8	8	7
8	8	7	7	8	8	8	7	7	7	6	7	6	5	5	6	7	5	4	5	5	4	5	6	4	6
9	5	5	6	7	5	6	7	5	5	6	6	7	6	6	7	6	8	8	7	8	7	6	8	8	6
10	8	8	8	7	6	6	7	6	8	8	8	6	6	6	7	6	7	7	6	6	7	6	6	6	7
11	5	6	7	6	6	7	8	7	6	6	6	6	5	6	6	6	6	7	8	6	7	8	8	8	7
12	6	6	7	6	5	5	5	6	6	6	6	6	5	5	5	6	6	5	5	6	6	6	6	6	6
13	5	5	6	6	6	6	6	6	7	8	6	6	6	7	7	5	6	5	5	5	5	5	5	6	6
14	6	6	6	5	5	6	5	5	6	7	6	6	6	6	6	6	5	5	6	6	6	6	6	6	6
15	5	6	6	6	6	5	6	6	6	6	6	6	4	7	7	6	7	7	6	6	6	6	6	5	6
16	4	5	5	5	6	6	6	6	6	6	6	4	5	6	6	6	6	6	6	7	7	7	7	7	6
17	6	6	6	6	5	7	6	7	6	6	8	9	8	8	7	6	7	9	6	5	8	6	7	7	7
18	8	8	8	8	8	7	6	7	8	7	8	8	8	7	7	8	8	9	9	8	10	9	9	6	8
19	8	8	6	8	8	10	10	10	8	10	9	8	6	8	8	7	8	10	10	10	8	8	9	8	8
20	8	9	8	8	6	7	8	9	8	8	9	8	6	6	7	8	-	9	9	10	8	7	7	7	8
21	8	6	6	7	6	6	7	8	8	8	10	8	8	9	8	9	8	8	8	8	7	6	7	7	8
22	6	7	10	8	6	6	6	6	7	8	6	6	7	8	6	-	10	8	10	9	9	8	8	8	8
23	8	8	8	8	8	9	9	8	7	6	7	8	7	7	7	6	6	8	5	6	6	6	6	7	7
24	9	8	8	8	7	7	6	7	7	7	8	8	8	7	7	7	6	7	7	7	7	6	6	7	7
25	6	6	6	6	6	7	5	6	8	7	8	8	6	6	7	7	8	8	5	7	7	6	6	6	7
26	6	6	7	6	6	7	7	9	8	6	5	5	6	7	12	9	7	6	6	5	4	5	5	6	7
27	7	8	8	7	6	6	6	6	7	6	6	7	6	6	6	6	6	7	7	7	8	7	8	8	7
28	8	6	6	7	7	9	8	6	7	7	6	51	49	31	25	23	20	18	16	16	12	10	12	12	16
29	8	9	10	8	7	7	8	6	7	6	7	7	5	6	6	5	6	5	4	4	4	5	6	5	6
30	6	5	6	7	6	4	6	6	5	6	6	6	7	7	7	7	6	6	6	6	6	6	7	8	6
MEAN	7	7	7	7	6	7	7	7	7	7	7	8	8	7	7	7	7	7	7	7	7	6	7	7	7.0

PERCENTAGE OF DATA VALID - 93.8 PERCENTAGE OF DATA INVALID - 5.6 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC S.NANTICOKE MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	6	6	7	7	7	6	6	7	6	5	5	7	7	7	8	6	7	8	10	10	6	8	6	7
2	6	6	6	5	5	5	7	7	6	7	6	6	7	6	6	6	6	6	6	7	5	7	7	7	6
3	6	7	6	6	6	6	6	5	5	6	8	7	6	8	-	8	8	7	8	8	7	7	7	6	7
4	6	6	6	8	6	6	6	7	6	6	10	6	7	8	8	8	7	8	7	7	6	5	7	6	7
5	6	6	6	7	6	6	6	6	7	7	7	7	8	6	6	7	8	7	6	7	7	7	7	7	7
6	7	7	8	8	8	8	8	8	7	6	7	8	8	7	6	6	8	6	6	6	6	8	8	6	7
7	6	7	7	7	6	8	8	5	6	7	9	6	6	6	6	6	6	6	9	7	6	6	6	6	7
8	6	8	7	7	6	6	6	6	5	5	4	5	5	6	8	6	6	7	6	6	6	5	5	6	6
9	6	8	6	6	8	5	5	5	7	6	6	6	6	5	5	5	6	6	6	6	5	6	6	8	6
10	6	6	7	6	6	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
11	-	-	-	-	-	-	-	-	-	-	-	-	7	****	10	10	8	8	8	6	8	8	-	-	******
12	- DATA UNAVAILABLE -																								
13	-	-	-	-	-	-	-	-	-	-	-	-	6	6	4	4	6	4	5	4	4	5	6	4	******
14	4	4	5	5	6	4	4	5	4	6	6	4	7	4	5	4	6	7	6	4	4	7	5	4	5
15	5	7	8	8	7	6	6	6	6	6	7	6	8	6	8	7	7	6	6	6	7	8	8	7	7
16	6	8	7	8	8	8	6	10	8	12	10	10	8	10	10	8	11	11	11	10	12	7	11	10	9
17	6	8	9	10	11	11	11	15	12	9	10	10	11	-	12	11	16	15	10	12	12	8	11	9	11
18	8	13	11	13	14	14	13	14	11	10	12	16	15	13	14	14	13	13	15	15	15	12	12	13	13
19	14	14	14	17	16	16	****	****	****	****	****	****	****	****	****	****	12	12	11	12	16	11	10	11	******
20	8	10	10	12	9	9	11	13	12	16	20	21	14	18	18	12	10	12	12	9	12	12	9	9	12
21	10	8	10	10	10	6	9	9	6	6	8	7	6	10	10	7	14	12	11	11	8	8	7	6	9
22	8	9	10	13	9	12	15	8	8	7	9	14	7	8	12	11	10	8	10	8	9	11	9	8	10
23	9	10	10	8	8	14	8	9	7	8	8	9	8	7	8	7	8	10	9	10	12	12	7	5	9
24	7	6	7	9	6	6	7	6	5	7	6	6	7	6	5	5	5	5	5	5	4	5	5	4	6
25	3	4	5	5	6	5	5	6	4	4	6	4	5	5	5	5	6	6	5	6	5	5	5	6	5
26	6	4	4	4	4	4	3	3	3	4	4	5	6	6	8	9	7	7	7	6	6	8	6	5	5
27	5	5	8	6	6	6	6	5	6	7	8	8	6	-	8	8	8	8	7	8	7	8	8	9	7
28	6	6	7	6	6	6	6	6	6	6	6	7	6	6	6	6	6	6	6	7	7	6	6	5	6
29	6	6	5	5	4	5	6	5	4	5	6	5	5	5	5	4	4	4	5	5	6	5	6	7	5
30	4	5	5	5	8	6	6	7	5	4	5	5	6	6	-	5	5	5	5	4	5	4	4	4	5
31	4	4	4	5	4	4	3	6	4	5	3	6	5	4	4	5	5	4	4	4	6	6	5	4	5
MEAN	7	7	7	8	7	7	7	7	6	7	8	8	7	7	8	7	8	8	8	7	8	7	7	7	7.3

PERCENTAGE OF DATA VALID - 89.0 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 9.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 229D5 NANTICOKE RD/WALPOLE CONC 5.NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN		DATA UNAVAILABLE		
JUL		DATA UNAVAILABLE		
AUG	21	4.1	7	9
SEP	25	6.3	8	13
OCT	13	6.5	8	13
NOV	28	7.0	16	51
DEC	26	7.3	13	21
YEAR	113	6.3	16	51

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 229D5 NANTICOKE RD/WALPOLE CONC 5.NANTICOKE

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	DATA UNAVAILABLE								
FEB	DATA UNAVAILABLE								
MAR	DATA UNAVAILABLE								
APR	DATA UNAVAILABLE								
MAY	DATA UNAVAILABLE								
JUN	DATA UNAVAILABLE								
JUL	DATA UNAVAILABLE								
AUG	513	0	0	0	0	0	0	0	513
SEP	610	3	0	0	0	0	0	0	613
OCT	353	3	0	0	0	0	0	0	356
NOV	662	7	3	3	0	0	0	0	675
DEC	579	81	2	0	0	0	0	0	662
YEAR	2717	94	5	3	0	0	0	0	2819

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
76.8	0	3.1	5.0	5.6	6.6	7.9	9.5	11.8	13.9	51	6.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	2	3	1	2	2	2	2	2	******
9	2	1	1	1	1	1	1	2	3	5	3	4	2	2	3	3	2	3	4	4	2	3	3	3	2
10	2	3	3	4	3	3	2	3	3	3	3	5	3	3	2	3	3	3	3	2	2	3	2	2	3
11	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	3	4	5	6	7	6	3
12	4	4	4	3	2	1	2	1	5	5	****	1	1	1	2	1	1	1	1	1	2	2	2	1	2
13	0	0	0	0	0	0	0	0	1	2	1	1	1	2	2	2	2	2	3	4	3	3	3	3	1
14	2	2	1	1	1	1	1	1	1	1	1	****	1	1	****	3	3	4	3	4	4	4	4	4	2
15	3	3	3	3	2	3	3	2	2	2	2	2	3	2	2	2	2	2	2	3	2	3	3	3	2
16	3	2	2	2	2	2	2	2	3	3	2	3	3	4	3	3	3	3	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	5	8	9	8	3
18	7	5	4	3	4	3	4	3	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3
19	2	2	2	2	2	2	4	9	7	5	5	4	5	4	3	3	3	3	3	3	2	3	2	3	3
20	3	3	3	3	3	3	3	4	4	4	4	4	4	3	4	4	4	4	5	5	3	3	4	4	4
21	4	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3
22	2	2	2	3	3	3	3	4	5	5	4	4	4	5	4	4	4	4	4	4	3	3	3	3	4
23	3	3	3	3	3	3	4	5	7	11	4	2	2	3	****	3	2	3	2	2	2	2	2	2	3
24	2	2	2	3	2	3	3	5	6	6	4	3	3	3	2	3	5	4	4	4	3	3	1	1	3
25	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	0	1	0	0	0
26	0	0	0	0	0	1	1	1	2	2	2	2	2	2	3	2	3	2	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	6	7	7	8	7	3	4	4	4	4	4	3	3	2	3	2	2	3
28	1	1	2	1	1	1	2	3	3	3	4	4	3	3	3	3	5	5	6	7	7	8	9	39	5
MEAN	2	2	2	2	2	2	2	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	2.7

PERCENTAGE OF DATA VALID - 72.3 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 27.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	2	2	1	2	4	2	6	13	13	8	5	6	8	6	7	8	6	6	6	4	4	2	2	5
2	2	3	3	2	3	2	3	6	4	4	4	5	5	3	3	3	4	4	3	3	4	5	6	4	4
3	2	2	2	2	2	2	3	4	4	4	3	2	2	2	3	4	2	2	1	1	1	1	2	1	2
4	1	1	2	1	1	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	1	2	1
5	2	2	2	2	2	2	2	3	2	3	3	2	2	****	3	3	4	4	3	4	3	3	3	2	3
6	2	2	2	1	2	2	2	3	4	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3	3
7	4	2	2	2	2	3	3	4	6	3	3	1	2	2	2	2	2	2	3	2	2	2	2	2	3
8	2	2	2	2	2	3	7	11	10	5	3	2	2	2	2	3	3	3	3	5	4	5	6	6	4
9	5	4	4	4	4	3	6	10	6	2	2	2	1	2	2	2	3	3	3	4	4	4	4	2	4
10	2	2	2	2	3	3	2	3	3	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2
11	4	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	0	1	2
12	1	2	2	2	2	2	2	2	2	****	2	2	3	2	2	2	3	3	2	3	3	3	3	2	2
13	2	2	2	2	1	1	2	2	3	2	2	2	2	2	2	2	3	2	2	2	2	1	1	2	2
14	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2
15	2	2	1	2	2	2	2	2	3	2	2	2	2	2	3	2	3	3	2	2	2	3	2	2	2
16	2	2	2	2	3	3	2	2	2	3	3	2	3	2	2	3	3	3	3	3	3	2	3	3	3
17	3	2	3	3	3	2	3	3	3	3	3	3	5	4	4	3	3	3	3	7	6	4	4	4	4
18	4	6	12	5	2	1	1	2	2	2	3	2	2	3	3	2	2	2	2	2	2	2	2	1	3
19	1	2	2	2	2	2	3	2	2	2	2	2	1	1	2	2	2	2	2	3	5	4	5	5	2
20	5	5	5	3	5	7	9	6	2	3	2	2	1	2	2	2	2	3	7	14	15	15	14	17	6
21	10	11	2	2	2	3	4	2	5	2	2	1	2	2	2	2	1	1	2	5	4	5	5	6	3
22	8	7	9	7	6	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	4	5	5	3	4
23	3	4	2	3	2	3	2	3	4	4	4	2	2	2	2	2	1	1	1	1	1	1	1	1	2
24	1	1	1	1	1	1	1	0	1	1	2	2	1	1	1	1	1	2	2	3	3	2	2	2	1
25	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1
26	1	1	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
27	1	1	2	1	1	1	1	2	2	2	1	1	2	1	2	1	2	2	2	1	1	3	2	2	2
28	3	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	1	1	2
29	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	1	2	2	2	3	3	2	2
30	3	2	2	1	1	1	2	3	8	4	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2
31	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	3	1	1	2	2	2	1
MEAN	3	3	3	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2.5

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	4	3	7	3	1	1	1	1	1	2	1	2	2	2	2	1	1	2	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	2	3	6	1
4	5	4	4	2	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
5	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	3	2	2	3	3	4	4	5	6	3
6	5	6	6	7	6	5	6	7	8	10	10	10	12	12	12	12	12	12	12	12	13	12	12	12	10
7	13	13	12	12	13	13	13	13	13	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13
8	12	12	13	14	14	14	15	15	16	16	16	15	16	15	15	14	12	11	10	10	10	10	11	10	13
9	8	10	10	10	10	10	7	7	6	6	6	6	6	6	6	5	5	5	6	7	6	6	6	6	7
10	6	5	5	4	4	4	4	4	4	3	3	3	4	3	3	3	3	3	3	3	2	2	3	2	3
11	3	3	4	2	2	3	5	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
12												- OATA INVALIO -													
13												- OATA INVALIO -													
14												- OATA INVALIO -													
15												- OATA INVALIO -													
16												- OATA INVALIO -													
17												- OATA INVALIO -													
18												- OATA UNAVAILABLE -													
19												- OATA UNAVAILABLE -													
20												- OATA UNAVAILABLE -													
21												- OATA UNAVAILABLE -													
22												- OATA UNAVAILABLE -													
23												- OATA UNAVAILABLE -													
24												- OATA UNAVAILABLE -													
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	1	2	3	9	5	3	****	****	******
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	****	3	4	4	4	3	3	3	3	3	2	3	3	2
MEAN	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3.8

PERCENTAGE OF DATA VALID - 52.1 PERCENTAGE OF DATA INVALID - 22.6 PERCENTAGE OF DATA UNAVAILABLE - 25.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	4	3	2	2	2	3
2	2	2	****	3	3	****	4	4	4	4	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3
3	3	3	3	3	3	2	2	2	4	4	4	****	5	5	5	5	5	5	5	4	4	4	3	4	4
4	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	3	2	2	2	3	3	3	3	4	3	3	3	3	3	3	3	3	3	2	3	3	3	2	3	3
6	3	2	2	1	3	3	4	4	3	4	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3
7	3	3	3	3	3	3	3	3	3	****	3	3	4	3	3	3	3	2	2	3	3	3	2	2	3
8	2	2	2	2	1	0	1	2	4	4	3	3	3	3	3	3	3	2	2	2	1	1	2	0	2
9	1	3	3	3	1	2	3	3	3	3	3	3	4	4	4	3	3	3	3	3	1	1	2	3	3
10	2	3	2	3	3	1	3	3	2	2	3	3	-	-	-	-	-	-	-	-	-	-	-	-	******
11	1	0	2	3	2	2	3	3	2	3	4	3	3	4	4	5	4	4	4	8	4	4	4	3	3
12	2	4	4	4	3	****	3	3	3	3	4	3	3	3	3	3	3	3	3	3	2	2	2	2	3
13	2	2	1	1	2	2	2	2	2	2	2	1	1	2	2	2	2	1	1	1	1	2	1	1	2
14	1	1	1	0	1	2	2	2	2	2	3	3	3	2	2	2	2	2	2	****	2	2	2	2	2
15	1	2	3	3	2	2	2	3	3	3	3	2	3	3	3	3	2	2	2	2	3	3	2	2	2
16	2	2	2	2	2	2	1	2	2	2	2	1	2	2	2	2	2	1	1	1	1	1	1	1	2
17	1	1	1	****	2	****	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	1	6	2
18	4	0	****	13	5	5	3	3	3	3	3	3	2	2	2	3	3	3	2	2	2	0	1	2	3
19	3	2	2	1	2	2	2	2	3	3	3	3	3	3	3	3	3	2	3	2	3	1	2	2	2
20	3	3	3	3	3	3	2	2	2	3	3	3	3	3	2	2	2	2	3	2	0	1	2	2	2
21	3	2	3	3	2	3	2	2	3	3	3	2	3	2	2	2	2	2	2	2	2	1	1	1	2
22	2	2	1	1	1	1	1	2	2	2	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1
23	1	1	2	****	****	****	3	3	3	****	3	2	1	2	2	2	2	2	2	1	2	2	2	1	2
24	1	0	0	1	2	1	0	1	2	2	1	2	2	2	1	1	1	0	0	1	0	0	0	0	1
25	0	0	0	0	0	1	1	1	2	2	2	2	2	2	3	3	2	3	2	2	2	2	2	2	2
26	2	3	5	2	2	2	2	2	2	2	3	3	3	2	3	3	3	2	2	2	2	2	1	2	2
27	1	1	0	1	1	1	2	1	1	1	0	1	2	1	1	1	2	2	2	2	1	2	1	1	1
28	1	1	1	1	1	3	3	3	2	****	2	2	2	2	2	1	1	2	1	3	1	2	2	1	2
29	1	1	1	1	2	2	2	3	3	3	3	2	2	2	3	4	4	2	2	2	3	2	4	8	3
30	2	2	2	2	5	3	4	4	5	2	2	1	1	0	2	3	3	3	2	3	4	4	3	3	3
31	3	3	3	2	4	2	4	5	2	2	2	2	6	5	2	3	3	2	2	3	2	2	2	4	3
MEAN	2	2	2	2	2	2	2	3	3	3	3	2	3	3	3	3	3	2	2	2	2	2	2	2	2.4

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - D.1 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5	-	-	-	-	-	-	-	-	-	-	-	-	-	- ****		2	3	3	5	4	4	6	7	12	******
6	15	11	11	8	10	5	4	6	7	8	4	3	6	1 ****		4	6	7	7	7	6	6	5	5	7
7	6	9	3	2	1	1	1	1	2	2	2	**** ****	****	****	**** ****	****	****	****	****	****	****	****	****	****	******
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	5	3	4	4	4	4	4	******
14	3	3	2	2	2	3	3	3	3	3	4	3	4	****	4	4	5	6	3	3	3	3	3	3	3
15	3	3	3	2	2	2	2	3	5	4	4	3	6	7	6	6	6	7	5	4	3	3	3	2	4
16	2	2	1	1	1	1	1	2	2	2	3	3	3	3	3	4	5	3	2	3	2	2	4	4	2
17	5	5	5	4	5	3	4	3	3	3	2	3	3	4	4	4	4	5	5	6	9	9	8	9	5
18	9	15	14	7	3	3	4	4	4	3	4	7	7	6	5	6	6	5	5	6	7	8	9	8	6
19	7	5	5	5	4	4	4	6	7	8	11	10	5	3	3	5	6	11	9	6	4	4	5	6	6
20	3	2	2	2	2	2	2	2	3	3	****	4	3	2	2	4	5	5	6	6	8	11	9	8	4
21	10	8	6	6	5	4	5	6	7	7	8	4	5	5	5	6	6	6	6	7	7	8	7	6	6
22	7	7	7	5	5	4	4	5	6	5	6	5	5	5	5	6	7	8	8	8	8	8	8	7	6
23	6	7	6	6	6	6	6	6	6	5	2	3	2	3	2	2	4	6	4	9	8	8	7	9	5
24	8	6	6	6	8	9	4	4	4	5	5	5	3	3	6	4	4	4	5	6	4	3	4	5	5
25	7	7	8	7	6	6	6	6	7	3	3	3	7	8	8	7	6	7	8	9	7	6	5	4	6
26	4	5	5	7	7	5	3	4	3	2	2	2	4	4	5	5	6	6	7	6	6	6	5	5	5
27	4	5	6	4	3	3	3	4	4	****	5	5	5	6	5	3	4	5	6	9	8	8	9	9	5
28	6	5	4	3	3	6	7	5	2	1	1	1	1	1	2	3	3	3	2	2	4	2	2	2	3
29	2	2	2	2	1	2	2	2	2	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	1	2	1	1	1	1	2	2	4	4	3	2	2	2	2	2	2
MEAN	6	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	6	4.6

PERCENTAGE OF DATA VALID - 63.3 PERCENTAGE OF DATA INVALID - 21.4 PERCENTAGE OF DATA UNAVAILABLE - 15.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - D.1 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	3	3	3	3	3	3	3	3
2	3	2	2	2	1	1	1	1	1	2	2	2	2	3	5	4	4	5	3	2	2	2	2	2	2
3	2	1	1	1	1	1	2	2	1	1	1	D	D	1	2	2	4	5	6	6	5	5	6	7	3
4	7	4	4	4	4	4	4	2	1	****	D	0	7	1	1	3	4	5	7	7	7	6	3	3	4
5	3	3	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	3	4	4	4	4	4	2
6	4	4	3	4	4	3	2	2	1	1	1	1	1	1	1	1	2	7	7	7	7	7	3	3	3
7	3	3	2	2	3	3	3	3	1	1	0	2	****	1	2	4	6	6	7	6	6	6	6	6	4
8	6	7	7	5	2	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2
9	1	1	1	1	1	1	1	1	1	1	2	4	5	4	4	3	3	2	2	3	3	3	4	3	2
10	3	3	2	2	2	2	2	4	5	5	3	2	3	2	2	4	5	5	7	5	4	3	3	2	3
11	2	2	2	2	2	2	2	3	3	2	2	1	1	2	2	3	3	4	4	3	3	3	3	2	2
12	2	2	2	2	2	2	3	4	4	5	4	3	3	3	3	2	2	1	1	1	1	1	1	1	2
13	0	D	0	0	1	1	1	1	2	2	2	2	3	2	2	2	1	D	0	1	1	1	D	0	1
14	0	0	0	0	1	1	1	1	2	2	1	1	2	2	1	1	2	2	1	D	D	1	D	0	1
15	D	D	0	D	D	D	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1	0	D	1
16	D	1	1	0	D	D	0	D	D	1	1	1	1	1	D	1	1	D	0	D	0	0	D	D	0
17	0	D	0	D	D	D	1	1	2	1	1	1	1	1	1	2	2	1	1	D	0	0	D	D	1
18	D	D	D	D	0	0	1	1	2	2	3	3	3	2	2	2	2	2	1	D	D	0	D	1	1
19	D	D	1	1	1	0	1	2	2	3	3	3	2	2	4	5	4	3	2	****	****	****	****	****	2
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	6	3	4	2	1	1	1	******
21	1	1	1	1	0	1	1	2	3	3	3	3	2	2	3	2	2	3	3	4	3	2	1	1	2
22	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	2	2	2	3	3	3	3	3	2	2
23	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	2	1
24	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2 D

PERCENTAGE OF DATA VALID - 71.5 PERCENTAGE OF DATA INVALID - 28.5 PERCENTAGE OF DATA UNAVAILABLE - D D

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB	20	2.7	5	39
MAR	31	2.5	6	17
APR	15	3.8	13	16
MAY	30	2.4	4	13
JUN		DATA UNAVAILABLE		
JUL		DATA UNAVAILABLE		
AUG		DATA UNAVAILABLE		
SEP		DATA UNAVAILABLE		
OCT		DATA UNAVAILABLE		
NOV	18	4.6	7	15
DEC	22	2.0	4	7
YEAR	136	2.9	13	39

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN		DATA UNAVAILABLE							
FEB	484	1	0	1	0	0	0	0	486
MAR	732	10	0	0	0	0	0	0	742
APR	320	55	0	0	0	0	0	0	375
MAY	717	1	0	0	0	0	0	0	718
JUN		DATA UNAVAILABLE							
JUL		DATA UNAVAILABLE							
AUG		DATA UNAVAILABLE							
SEP		DATA UNAVAILABLE							
OCT		DATA UNAVAILABLE							
NOV	447	9	0	0	0	0	0	0	456
DEC	532	0	0	0	0	0	0	0	532
YEAR	3232	76	0	1	0	0	0	0	3309

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
76.2	0	0.2	1.2	1.8	2.7	5.2	6.9	11.0	12.8	39	2.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYOROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 2900B NORTH PARK HAMILTON MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- OATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- OATA UNAVAILABLE -													
S												- OATA UNAVAILABLE -													
6												- OATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
B												- OATA UNAVAILABLE -													
9												- OATA UNAVAILABLE -													
10												- OATA UNAVAILABLE -													
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	2	2	2	1	1	2	2	2	2	******
12	4	2	2	1	2	2	3	2	4	3	2	1	1	1	1	1	1	1	2	2	2	2	3	3	2
13	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	0	0	1	3	2	4	1
14	S	3	2	2	2	2	3	3	2	2	2	2	2	2	1	2	1	2	2	2	2	2	2	2	2
1S	3	3	3	2	1	2	2	1	2	2	1	1	2	1	1	1	1	1	1	3	2	1	2	2	2
16	1	1	1	2	2	2	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0
1B	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	2	1	1	1	1
19	1	1	0	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	2	3	1	1	1
20	1	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	1
21	3	2	2	2	1	1	2	2	2	1	2	2	2	2	1	1	1	1	2	2	2	2	2	3	2
22	1	1	1	1	2	2	2	1	1	1	2	2	2	1	1	1	2	2	2	3	4	2	3	3	2
23	2	2	3	3	3	3	3	4	3	****	****	2	1	1	1	1	1	1	1	1	1	2	2	2	2
24	3	3	2	2	3	5	5	4	4	4	4	4	4	2	2	2	3	2	3	3	3	3	3	4	3
25	2	2	2	2	2	3	3	3	2	3	2	2	2	2	2	2	2	2	3	3	2	3	3	4	2
26	3	3	3	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	1	1	1	2	2	1
2B	2	1	1	2	2	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	0	1	1
29	1	1	0	1	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	1	1	****	****	****	0
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	1	0	1	1	1	0	******
31	0	1	1	1	0	1	1	1	2	2	2	1	2	1	2	1	1	1	2	2	1	0	0	0	1
MEAN	2	2	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	1.5

PERCENTAGE OF OATA VALIO - 63.0 PERCENTAGE OF DATA INVALID - 2.B PERCENTAGE OF DATA UNAVAILABLE - 34.1

NOTES 1. "*****" INDICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN DNE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 2900B NORTH PARK HAMILTON MONTH - AUG 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1B	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	2	1	1	1	1	1	1	0	0	0	1	1	1	1	1	2	1	1
3	2	2	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	2	1	1	0	1
4	1	0	0	0	0	1	1	1	0	0	1	1	1	1	0	0	0	0	0	1	1	1	0	****	0
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- OATA INVALID -													
B												- OATA INVALID -													
9												- DATA INVALIO -													
10												- DATA INVALIO -													
11												- OATA INVALID -													
12												- DATA INVALID -													
13	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	2	3	3	2	2	3	2	4	******
14	3	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	3	2	2
16	2	2	2	2	2	2	3	3	****	1	0	0	0	0	****	0	0	0	0	0	1	0	0	0	1
17	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	D	0
19												- DATA INVALID -													
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	******
21	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	D	1	0	0
22	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	1	1	2	2	1	0	0	1	1	1	1	1	0	3	3	3	2	2	2	2	1	2	1
24	2	2	4	4	2	3	3	****	****	****	1	2	2	2	3	2	3	2	4	3	3	3	4	3	3
25	2	1	1	1	1	2	2	2	1	1	3	2	2	1	2	1	2	2	3	3	2	1	2	2	2
26	2	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	3	2	2	1
27	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2	0	0	1
2B												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 53.B PERCENTAGE OF DATA INVALID - 33.3 PERCENTAGE OF DATA UNAVAILABLE - 12.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA UNAVAILABLE -																								
2	- DATA UNAVAILABLE -																								
3	- DATA UNAVAILABLE -																								
4	- DATA UNAVAILABLE -																								
5	- DATA UNAVAILABLE -																								
6	- DATA UNAVAILABLE -																								
7	- DATA UNAVAILABLE -																								
8	- DATA UNAVAILABLE -																								
9	- DATA UNAVAILABLE -																								
10	- DATA UNAVAILABLE -																								
11	- DATA UNAVAILABLE -																								
12	- DATA UNAVAILABLE -																								
13	-	-	-	-	-	-	-	-	-	-	-	-	****	2	2	2	1	2	3	1	1	1	1	1	******
14	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0	1
15	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
16	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	1	1	2	0	1	2	1
17	2	1	1	1	0	3	1	****	****	2	3	3	2	2	2	3	2	2	2	3	5	4	3	4	2
18	5	5	5	4	5	6	4	3	4	4	3	3	3	4	4	4	3	4	3	2	2	2	2	2	4
19	2	2	2	2	2	3	3	3	3	2	****	****	****	1	1	1	1	2	2	2	2	2	2	2	2
20	4	5	4	4	5	5	5	5	4	3	1	2	2	2	2	3	3	2	3	3	4	3	4	5	3
21	5	3	4	3	5	4	4	****	****	****	1	1	1	2	3	2	1	1	1	1	1	1	1	1	2
22	1	1	1	1	1	2	1	1	2	2	2	1	1	1	1	1	1	1	2	1	1	2	2	2	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
24	2	3	2	4	4	4	4	3	3	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2
25	4	5	3	3	2	3	3	4	3	4	3	2	****	****	****	2	2	3	3	4	2	3	2	2	3
26	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	1	2	3	3	4	3	2	3	3	3
27	3	4	3	4	5	4	4	3	4	4	3	2	2	2	2	2	2	2	4	4	6	7	9	6	4
28	4	2	3	3	3	3	4	3	3	3	3	3	3	3	3	2	2	2	2	1	2	2	3	3	3
29	3	3	3	4	3	2	3	2	1	1	0	1	0	0	0	0	0	0	0	0	1	1	3	3	1
30	1	2	1	1	2	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1
MEAN	2	2	2	2	2	3	3	2	2	2	2	1	1	1	2	2	1	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 56.7 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 41.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	4	3	2	2	2	1	1	2	3	3	1
2	- DATA INVALID -																								
3	- DATA INVALID -																								
4	- DATA INVALID -																								
5	- DATA INVALID -																								
6	- DATA INVALID -																								
7	- DATA INVALID -																								
8	- DATA INVALID -																								
9	- DATA INVALID -																								
10	- DATA INVALID -																								
11	- DATA INVALID -																								
12	- DATA INVALID -																								
13	- DATA INVALID -																								
14	- DATA INVALID -																								
15	- DATA INVALID -																								
16	- DATA INVALID -																								
17	- DATA INVALID -																								
18	- DATA INVALID -																								
19	- DATA INVALID -																								
20	- DATA INVALID -																								
21	- DATA UNAVAILABLE -																								
22	- DATA UNAVAILABLE -																								
23	- DATA UNAVAILABLE -																								
24	- DATA UNAVAILABLE -																								
25	- DATA UNAVAILABLE -																								
26	- DATA UNAVAILABLE -																								
27	- DATA UNAVAILABLE -																								
28	- DATA UNAVAILABLE -																								
29	- DATA UNAVAILABLE -																								
30	- DATA UNAVAILABLE -																								
31	- DATA UNAVAILABLE -																								
MEAN	0	0	0	0	0	0	0	0	0	0	0	1	1	1	4	3	2	2	2	1	1	2	3	3	1.1

PERCENTAGE OF DATA VALID - 3.2 PERCENTAGE OF DATA INVALID - 57.4 PERCENTAGE OF DATA UNAVAILABLE - 39.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8	-	-	-	-	-	-	-	-	-	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	******
9	0	0	1	1	1	2	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0
11	0	0	0	1	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0
12	0	0	0	0	1	0	0	1	0	0	0	1	0	1	1	1	1	0	1	2	1	1	1	****	1
13	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	0	0	0	0	0	******
14	1	1	0	0	0	0	0	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	1	1	0
15	1	1	1	2	2	1	1	1	1	1	0	1	2	1	1	1	1	1	1	1	0	1	1	0	1
16	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1
18	1	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	0	0	0	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	2	1	1	1	1	1	1	1	****	****	0	0	0	1	1	1	1	1	1	0	1	1	1
21	1	0	0	0	0	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0
22	1	1	1	0	1	0	0	1	1	1	1	0	1	1	1	1	1	0	0	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
24	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	0	0
25	2	3	3	2	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	1	0	1	****	****	-	-	-	-	-	-	-	-	-	-	-	-	-	******
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0.6

PERCENTAGE OF DATA VALID - 57.9 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 39.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	10	10	8	6	7	9	10	12	12	******
16	7	8	9	10	11	11	11	11	10	10	8	5	3	2	2	1	1	1	1	1	1	2	1	1	5
17	1	1	2	2	2	3	3	3	3	3	3	****	9	8	8	8	7	4	3	2	1	1	1	1	3
18	2	2	3	3	3	3	3	2	2	2	3	3	4	4	4	3	3	3	2	2	2	2	2	2	3
19	3	3	4	4	5	5	4	4	3	3	3	3	5	5	2	2	2	2	2	2	2	1	2	2	3
20	2	3	3	3	3	3	3	3	3	3	****	5	4	2	****	2	3	4	4	3	3	3	4	4	3
21	3	4	4	4	4	4	4	5	2	4	4	3	3	5	4	4	4	4	4	4	3	4	4	3	4
22	3	4	2	3	2	2	2	2	3	3	2	1	2	2	2	2	1	2	2	2	2	2	0	1	2
23	1	1	1	2	0	1	2	1	2	2	1	1	1	2	2	2	1	1	1	1	0	1	1	1	1
24	1	1	2	2	3	3	2	2	3	3	1	2	3	3	3	3	2	3	2	2	2	3	3	3	2
25	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	1	****	2	2	2	2	3	3	2	2	2	2	2	2	2	2
29	2	2	2	3	2	2	2	3	3	2	3	2	2	3	3	2	2	2	3	3	3	2	2	3	2
30	3	3	3	3	4	3	3	3	2	2	2	3	2	2	2	3	3	3	2	3	3	3	3	3	3
31	3	3	3	2	3	3	3	3	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	2.9

PERCENTAGE OF DATA VALID - 50.4 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 47.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN		DATA UNAVAILABLE		
JUL	19	1.5	3	5
AUG	16	1.0	3	4
SEP	17	2.0	4	9
OCT	1	1.1	1	4
NOV	16	0.6	1	3
DEC	15	2.9	5	12
YEAR	84	1.6	5	12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	DATA UNAVAILABLE								
FEB	DATA UNAVAILABLE								
MAR	DATA UNAVAILABLE								
APR	DATA UNAVAILABLE								
MAY	DATA UNAVAILABLE								
JUN	DATA UNAVAILABLE								
JUL	469	0	0	0	0	0	0	0	469
AUG	400	0	0	0	0	0	0	0	400
SEP	408	0	0	0	0	0	0	0	408
OCT	24	0	0	0	0	0	0	0	24
NOV	417	0	0	0	0	0	0	0	417
DEC	369	6	0	0	0	0	0	0	375
YEAR	2087	6	0	0	0	0	0	0	2093

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
47.4	0	0.0	0.2	0.8	1.6	2.8	3.5	4.6	7.2	12	1.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	2	3	3	3	3	3	3	3	4	4	4	4	3	4	5	5	5	6	6	4	3	4
2	3	2	2	2	3	3	3	4	5	5	5	4	4	4	4	5	4	4	3	2	1	1	1	1	3
3	1	1	0	0	0	0	1	0	0	0	1	1	1	1	1	2	3	3	2	2	2	2	2	1	1
4	2	2	1	1	1	1	2	2	1	****	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	3	2	2	1	2	2	2	2	2	3	3	3	3	3	3	3	4	4	3	3	3	3	2	2	2.6

PERCENTAGE OF DATA VALID - 10.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 89.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16	-	-	-	-	-	-	-	-	-	-	14	14	14	14	14	14	14	14	14	15	15	15	15	15	******
17	15	15	15	17	20	18	18	18	18	18	18	17	17	17	17	17	17	16	17	17	17	16	16	17	17
18	17	17	19	20	20	20	20	19	19	****	20	20	19	19	19	19	19	18	17	17	16	17	18	18	19
19	18	18	17	17	17	18	18	18	17	18	18	17	16	17	16	16	17	17	17	17	18	18	17	17	17
20	17	17	18	18	16	15	15	15	14	14	14	14	14	14	15	18	20	20	20	20	20	19	18	18	17
21	22	23	22	21	19	19	18	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	16
22	14	14	14	14	15	15	15	15	15	15	14	14	14	14	14	15	15	15	15	15	16	15	16	16	15
23	16	16	16	17	16	16	17	16	15	15	15	16	17	16	15	15	16	17	17	16	17	18	18	18	16
24	17	16	16	15	15	14	15	****	15	14	14	14	15	14	14	14	14	14	14	14	15	15	15	15	15
25	16	16	15	14	14	13	13	13	13	14	14	14	15	14	14	14	14	14	13	13	13	13	13	14	14
26	13	13	13	13	13	14	14	15	15	14	13	14	15	15	15	14	13	12	12	12	12	12	12	12	13
27	12	12	12	12	12	12	12	12	12	12	13	13	13	12	13	13	14	14	15	14	14	14	14	14	13
28	13	13	13	13	13	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
29	13	13	13	13	13	13	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	14	14	13
30	14	14	14	14	14	14	14	15	15	14	14	13	14	13	14	14	13	13	13	13	14	14	14	14	14
31	15	15	16	17	19	20	20	20	20	18	16	15	15	14	14	14	14	14	14	14	16	15	15	15	16
MEAN	15	15	16	16	16	16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15.1

PERCENTAGE OF DATA VALID - 50.0 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 49.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	15	15	15	16	16	15	****	15	15	15	15	16	15	16	17	17	18	17	16	16	15	16	18	16
2	20	20	20	18	17	16	15	14	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	13	15
3	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14	13
4	14	13	14	14	14	14	14	14	14	14	14	14	15	14	13	13	13	13	13	13	13	14	14	13	14
5	13	14	14	15	15	14	14	14	14	14	13	13	13	12	12	12	12	12	12	12	13	13	13	13	13
6	13	13	14	15	15	15	14	14	14	14	14	14	14	14	14	14	15	15	14	14	15	16	15	14	14
7	14	14	14	15	15	15	15	16	17	17	16	16	16	16	16	17	19	19	19	19	18	20	20	21	17
8	20	17	17	17	19	19	17	15	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	14
9	13	13	13	13	14	14	14	14	15	17	18	18	17	17	16	16	17	17	17	16	16	15	17	17	16
10	17	16	16	16	16	15	14	14	14	14	14	14	14	13	13	13	12	12	12	12	12	12	12	12	14
11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	12
12	13	13	13	13	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
13	13	13	13	13	14	14	14	14	13	13	13	13	13	12	12	12	12	12	12	12	13	14	13	13	13
14	13	13	13	15	18	17	16	14	13	13	13	13	13	13	16	14	13	13	13	13	13	13	13	13	14
15	13	14	14	14	14	14	14	13	13	13	13	12	13	13	13	13	13	13	13	13	13	13	13	13	13
16	12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	13	13
17	13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
18												- DATA INVALID -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	14	14	14	14	15	15	14	14	14	14	14	14	14	13	14	14	14	14	14	14	14	14	14	14	13.9

PERCENTAGE OF DATA VALID - 53.3 PERCENTAGE OF DATA INVALID - 4.6 PERCENTAGE OF DATA UNAVAILABLE - 42.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA INVALID -													
16	****	****	****	****	****	****	****	****	10	10	10	10	12	15	25	27	30	17	7	7	7	6	5	22	14
17	29	31	32	34	37	42	36	37	32	27	25	23	23	25	28	30	30	31	30	32	30	29	29	31	31
18	42	33	37	30	32	29	29	29	29	29	30	30	30	30	30	30	36	36	38	37	36	38	34	31	33
19	31	31	31	32	34	34	32	31	30	30	31	31	31	31	31	31	30	30	32	33	32	34	44	49	33
20	45	39	40	40	40	39	36	33	32	32	32	31	31	30	31	30	30	30	35	33	34	33	34	34	34
21	34	34	36	38	40	41	40	35	33	33	32	32	31	30	31	31	31	30	33	33	34	35	35	35	34
22	34	35	35	45	37	33	35	34	34	34	34	34	33	32	31	31	32	32	32	33	32	32	33	33	34
23	32	33	34	36	37	36	37	34	32	32	32	32	32	32	32	31	32	32	39	37	34	34	32	31	34
24	31	31	31	31	31	31	31	30	30	30	30	30	30	30	30	30	30	30	30	31	31	31	31	31	31
25	31	30	30	30	30	31	31	31	31	31	30	30	30	30	30	30	30	30	30	30	30	31	32	33	31
26	34	35	40	35	34	35	35	34	32	33	33	32	32	32	32	32	33	32	32	33	34	34	34	34	34
27	31	31	31	32	32	32	33	33	34	32	32	30	30	30	32	31	31	31	31	31	32	31	31	32	32
28	35	35	36	46	38	37	35	34	33	34	36	38	34	34	34	34	34	35	33	34	35	34	34	33	35
29	31	33	34	35	34	35	35	32	31	31	31	32	31	30	30	30	30	30	30	30	30	30	30	30	31
30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	30	30	31	31	31	32	32	32	31
31	32	32	32	32	32	33	33	34	35	33	34	34	34	34	33	33	33	34	33	33	33	33	35	37	33
MEAN	33	33	34	35	35	35	34	33	31	30	30	30	30	30	31	31	31	31	31	31	31	31	32	33	31.8

PERCENTAGE OF DATA VALID - 50.5 PERCENTAGE OF DATA INVALID - 3.1 PERCENTAGE OF DATA UNAVAILABLE - 46.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	46	44	38	40	54	54	51	46	44	40	36	32	36	38	38	35	32	36	41	39	36	34	32	31	40
2	31	31	32	32	32	32	32	32	32	32	32	33	31	31	31	30	30	30	30	30	30	30	30	30	31
3	30	30	31	31	31	33	32	32	31	30	30	30	30	30	30	30	30	30	30	31	32	33	31	31	31
4	31	31	31	31	31	32	32	32	33	33	33	32	32	32	32	33	33	32	32	34	33	33	33	33	32
5	38	44	40	35	36	38	40	39	36	34	33	32	33	33	33	33	30	30	30	30	33	33	34	31	35
6	34	36	36	37	39	37	42	39	35	33	32	31	31	30	30	31	31	31	32	31	31	32	32	32	34
7	32	32	32	32	32	32	32	32	32	32	31	32	32	31	31	30	30	30	30	30	30	30	30	30	31
8	30	30	30	30	30	30	30	30	30	30	30	31	31	31	31	31	30	30	30	31	34	33	31	31	31
9	33	33	33	33	33	33	34	33	36	32	30	30	30	30	30	30	30	31	31	30	31	31	31	32	32
10	32	32	34	35	32	32	32	32	32	31	31	31	31	31	31	33	32	31	32	31	31	31	31	31	32
11	32	32	32	32	32	33	33	33	33	32	31	31	31	31	32	33	32	32	31	32	32	32	33	33	32
12	32	33	34	35	39	40	42	37	34	33	34	35	34	33	32	32	33	33	33	34	35	35	34	33	35
13	33	33	35	37	38	42	39	34	33	33	32	32	32	32	32	32	32	32	35	39	32	35	31	30	34
14	30	31	32	36	33	32	32	30	30	31	30	30	30	30	30	30	30	30	31	31	31	31	31	31	31
15	31	31	31	31	31	32	31	31	31	31	31	31	30	30	30	30	30	30	30	31	31	31	31	32	31
16	32	32	32	32	32	34	34	33	32	32	32	31	31	31	31	31	31	31	31	31	31	31	31	31	32
17	31	31	31	31	31	32	32	33	32	32	31	31	30	30	30	31	31	31	31	31	31	31	31	31	31
18	32	32	33	33	33	33	33	32	32	31	31	31	30	31	31	31	32	32	32	32	31	31	31	31	32
19	31	31	31	30	30	30	31	31	30	30	30	30	30	****	****	****	****	****	****	****	****	****	****	****	******
20	****	****	****	****	****	****	****	****	****	31	30	30	30	30	30	30	30	30	30	30	31	31	31	31	******
21	32	33	33	33	33	33	33	33	33	32	32	31	31	32	32	31	31	30	31	31	30	30	30	30	32
22	29	30	32	32	32	31	31	31	31	32	32	31	30	31	****	****	****	****	****	****	****	****	****	****	******
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28	****	****	****	****	****	****	****	****	****	****	22	23	21	18	14	15	****	****	****	****	****	****	****	****	******
29												- DATA INVALID -													
30												- DATA INVALID -													
MEAN	32	33	33	33	34	35	35	34	33	32	31	31	31	31	31	31	31	31	32	32	32	32	31	31	32.1

PERCENTAGE OF DATA VALID - 70.0 PERCENTAGE OF DATA INVALID - 30.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3	****	****	****	****	****	****	****	****	****	15	18	16	16	15	15	15	15	14	13	13	13	13	14	13	******
4	14	13	13	14	14	14	15	14	14	15	14	14	13	13	13	13	14	13	13	13	13	13	14	14	14
5	13	14	14	13	14	14	14	14	14	****	19	20	19	19	20	20	20	20	20	19	19	19	19	19	17
6	19	19	19	19	19	20	20	20	20	20	20	20	20	20	21	21	22	21	21	20	19	20	20	20	20
7	20	20	20	20	19	19	19	19	19	19	19	19	****	****	****	****	****	****	****	****	****	****	****	****	******
8												- DATA INVALID -													
9												- DATA INVALID -													
10	****	****	****	****	****	****	****	****	****	****	****	18	19	19	19	19	20	20	20	20	20	20	20	20	******
11	20	20	20	20	21	21	22	23	22	22	20	19	20	19	19	20	20	24	19	21	21	28	23	20	21
12	21	21	22	26	26	20	20	20	20	20	20	20	19	19	20	20	20	20	20	20	19	19	19	19	20
13	19	19	19	19	19	19	19	19	19	19	19	19	19	19	20	20	20	20	20	21	22	23	27	26	20
14	32	33	35	36	29	23	23	14	18	32	35	37	39	35	32	32	32	32	32	32	33	33	33	33	31
15	33	33	33	33	33	34	34	35	35	35	35	35	35	35	35	35	34	35	35	36	38	36	36	36	35
16	34	35	35	34	36	36	38	36	36	36	35	34	35	35	34	34	33	35	35	37	36	36	36	36	35
17	38	38	38	37	37	38	40	40	42	42	43	47	46	50	45	47	42	44	45	45	44	39	37	38	42
18	37	37	36	35	33	32	19	9	****	35	35	34	33	29	****	****	****	****	****	****	****	****	****	****	******
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25	****	****	****	****	****	****	****	****	****	16	16	16	16	16	16	16	16	17	17	17	17	17	17	17	******
26	16	16	16	16	17	17	17	17	17	17	17	17	16	16	16	16	16	16	16	16	17	17	17	17	17
27	17	17	17	17	17	17	17	17	17	16	17	17	17	17	17	17	17	18	18	18	18	18	19	20	17
28	20	21	21	20	19	22	19	18	19	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18
29	16	16	17	16	17	18	17	17	17	17	17	17	16	16	16	16	17	18	18	18	18	18	17	18	17
30	17	17	15	15	15	15	15	15	****	****	16	16	16	16	16	16	16	16	17	18	17	16	16	16	16
31	17	17	17	17	18	21	21	20	20	19	20	19	19	19	19	19	19	20	19	20	19	19	21	22	19
MEAN	22	23	23	23	22	22	22	20	22	23	23	22	23	22	22	22	22	22	22	22	22	22	22	22	22.1

PERCENTAGE OF DATA VALID - 60.3 PERCENTAGE OF DATA INVALID - 39.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	25	25	23	23	22	25	23	17	16	16	17	16	16	17	24	21	17	16	15	15	16	16	16	19
2	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	17	17	16
3	17	17	18	18	18	18	19	19	18	17	17	16	16	16	16	16	16	16	17	17	17	17	17	17	17
4	17	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	17	17	18	17	17	17	17	19	17
5	20	23	22	25	27	24	26	27	28	25	21	18	17	17	17	18	18	18	26	29	19	18	20	23	22
6	26	25	23	23	26	26	24	24	23	23	25	25	23	23	23	25	24	22	21	22	22	22	22	22	24
7	23	20	18	18	18	17	17	17	16	16	16	16	16	16	16	16	16	16	16	17	17	17	17	17	17
8	20	17	17	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	18	17
9	20	20	28	39	25	28	26	25	21	22	21	20	-	-	-	-	-	-	-	-	-	-	-	-	******
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13	-	-	-	-	-	-	-	-	- ****		18	18	18	18	18	17	18	19	19	20	20	19	18	18	******
14	18	18	18	18	19	19	19	19	19	18	18	18	18	17	17	18	18	18	18	19	18	18	19	19	18
15	18	18	18	18	18	18	19	19	19	19	19	19	19	18	18	18	19	18	19	19	19	19	18	17	18
16	17	17	17	17	17	17	17	17	17	17	17	18	17	17	17	17	18	17	17	17	17	17	17	17	17
17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	19	19	19	20	25	24	25	19
18	25	27	25	23	20	20	22	21	23	23	22	22	22	23	24	24	22	23	23	22	21	21	21	20	22
19	20	20	21	21	20	20	20	21	21	22	22	21	23	25	24	22	22	22	22	23	23	22	23	23	22
20	22	23	24	20	20	19	20	20	20	20	20	19	19	19	19	18	18	19	19	19	19	19	18	18	20
21	18	18	20	21	22	18	18	18	18	18	19	18	18	18	19	18	18	19	19	20	20	19	18	18	19
22	17	18	21	20	18	16	16	17	17	17	17	17	17	17	17	17	18	18	18	17	18	18	18	18	18
23	17	17	17	17	17	18	19	20	22	20	19	19	18	18	17	17	17	17	17	18	18	18	25	22	19
24	17	17	17	17	17	17	17	17	17	17	17	20	19	17	17	17	17	17	17	16	17	17	17	17	17
25	22	24	26	32	31	29	27	28	28	26	22	21	19	19	18	18	18	18	18	18	18	20	20	19	22
26	19	19	20	20	21	20	26	24	20	17	16	16	15	15	15	15	15	15	16	16	16	16	16	16	18
27	17	17	17	18	18	18	18	18	18	18	17	17	17	17	17	17	17	18	17	18	19	19	19	17	18
28	19	19	19	18	18	18	19	18	16	16	16	16	16	16	16	17	17	17	17	17	17	17	17	17	17
29	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	17	17	17	17	17	17	17
30	17	17	17	16	16	16	16	16	17	16	16	17	16	16	16	16	17	17	17	17	17	17	17	17	17
MEAN	19	19	20	20	20	19	20	20	19	19	18	18	18	18	18	18	18	18	18	19	18	18	19	19	18.7

PERCENTAGE OF DATA VALID - 86.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 12.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	18	17	17	17	17	17	19	18	18	18	19	19	18	19	19	19	19	18	17	17	17	17	18
2	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	17
3	17	18	18	18	18	19	19	18	18	17	17	17	17	17	17	17	17	18	17	17	18	17	17	17	18
4	17	17	17	17	17	17	18	18	19	18	18	18	18	17	17	17	17	17	17	17	17	17	18	18	17
5	18	18	18	18	18	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	18	18	17	17	17
6	18	18	18	18	18	18	19	19	19	19	17	17	17	17	17	17	17	18	17	17	17	17	17	17	18
7	17	17	17	17	17	17	17	17	17	19	17	16	16	17	17	16	17	16	16	16	16	16	16	16	17
8	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	17	17	17	17	17	17	17	16
9	17	17	17	17	17	17	17	17	17	17	17	17	18	18	17	17	17	17	17	17	17	17	18	18	17
10	18	18	17	18	19	18	23	26	19	18	18	19	20	19	18	18	22	22	21	22	18	18	18	18	19
11	18	17	17	17	17	16	17	17	17	17	17	17	16	17	17	17	17	17	17	17	17	17	16	16	17
12	17	17	16	16	16	16	16	17	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
13	18	17	17	17	17	17	17	18	****	17	18	18	17	17	17	17	17	18	18	19	18	17	17	16	17
14	16	17	22	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	16	17	18	17
15	18	18	18	20	20	19	21	22	21	21	18	17	17	17	17	17	18	18	19	19	20	21	22	22	19
16	21	19	20	19	19	19	19	20	20	19	19	19	18	17	18	18	17	16	15	15	16	16	16	16	18
17	17	17	17	17	17	17	17	17	17	18	18	17	17	17	16	16	16	17	16	17	17	17	17	17	17
18	17	17	17	16	17	18	18	18	18	19	18	18	18	18	18	18	18	18	18	17	17	17	17	17	18
19	17	18	18	18	18	19	19	19	19	19	19	19	19	18	17	17	18	18	17	17	18	18	18	18	18
20	18	18	18	18	18	18	18	18	18	19	19	19	19	19	19	19	20	20	21	22	26	28	26	26	20
21	26	27	33	34	33	32	34	35	34	26	31	26	21	20	20	21	22	22	30	32	33	32	30	30	29
22	30	37	34	23	17	17	17	17	17	18	18	18	19	19	19	19	19	19	19	19	19	19	23	33	21
23	24	22	19	19	18	18	18	18	19	19	19	19	18	18	18	17	17	17	16	16	17	18	17	17	18
24	17	18	19	21	21	21	19	19	19	19	18	18	18	18	18	18	18	19	19	19	19	19	19	18	19
25	19	18	18	18	18	18	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17
26	16	16	16	16	16	16	16	16	16	16	16	16	17	17	17	16	17	17	17	17	16	16	16	16	16
27	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
28	16	16	16	17	16	16	17	16	16	16	16	16	16	16	16	****	****	****	****	****	****	****	****	****	******
29												- DATA INVALID -													
30												- DATA INVALID -													
31	****	****	****	****	****	****	****	****	****	16	16	16	16	16	16	16	16	16	16	16	16	16	17	17	******
MEAN	18	19	19	18	18	18	18	19	18	18	18	18	17	17	17	17	18	18	18	18	18	18	18	19	18.0

PERCENTAGE OF DATA VALID - 91.0 PERCENTAGE OF DATA INVALID - 9.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	3	2.6	4	6
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY	15	15.1	19	23
JUN	16	13.9	17	21
JUL		DATA UNAVAILABLE		
AUG	16	31.8	35	49
SEP	19	32.1	40	54
OCT	16	22.1	42	50
NOV	25	18.7	24	39
DEC	27	18.0	29	37
YEAR	137	21.1	42	54

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	81	0	0	0	0	0	0	0	81
FEB	DATA UNAVAILABLE								
MAR	DATA UNAVAILABLE								
APR	DATA UNAVAILABLE								
MAY	0	352	20	0	0	0	0	0	372
JUN	0	377	7	0	0	0	0	0	384
JUL	DATA UNAVAILABLE								
AUG	9	3	84	280	0	0	0	0	376
SEP	0	3	110	391	0	0	0	0	504
OCT	1	244	103	101	0	0	0	0	449
NOV	0	464	159	3	0	0	0	0	626
DEC	0	612	51	14	0	0	0	0	677
YEAR	91	2055	534	789	0	0	0	0	3469

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
59.0	0	12.7	16.0	17.4	23.5	32.3	34.3	37.4	39.9	54	21.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C ND 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9	-	-	-	-	-	-	-	-	-	-	-	- ****	2	2	2	2	2	5	6	6	5	5	7	******	
10	7	9	8	5	1	****	****	****	****	****	****	1	3	0	****	****	****	****	****	****	****	1	3	4	******
11	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	5	4
12	5	5	4	4	4	4	4	5	5	4	4	4	****	****	****	****	4	5	5	6	7	8	11	13	6
13	12	11	9	4	****	****	****	****	****	****	****	9	10	9	10	10	11	10	10	10	9	8	8	9	9
14	8	8	8	8	8	6	5	5	6	****	10	6	5	5	5	5	5	5	6	6	6	6	6	7	6
15	6	6	6	6	6	6	7	8	8	8	7	6	6	6	6	6	6	6	6	7	7	8	8	10	7
16	12	10	8	8	8	8	8	9	8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
17												- DATA INVALID -													
18												- DATA INVALID -													
19	****	****	****	****	****	****	****	****	****	****	****	3	5	5	3	2	2	3	3	4	4	4	4	4	******
20	3	3	3	3	2	1	2	5	6	5	6	4	3	2	3	2	2	2	4	5	3	2	2	2	3
21	1	3	3	1	1	1	2	3	4	3	1	2	2	2	2	2	4	4	3	4	4	5	5	5	3
22	12	13	11	12	9	6	3	3	4	10	9	5	4	****	4	3	3	2	3	3	6	5	3	2	6
23	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	5	4	3	1	1	1	1	2
24	2	3	2	1	0	0	1	1	1	1	1	2	4	4	5	3	3	2	2	4	2	3	3	3	2
25	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
26	0	0	0	0	0	0	0	1	1	1	****	****	1	1	0	1	1	1	1	1	1	1	1	1	1
27	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	2	2	1	1	1	1	1	2	****	****	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	2	4	5	4	4	4	3	2	2	2	3	3	4	4	4	7	4	3	3
30	****	****	1	****	****	****	1	2	****	4	****	****	5	****	****	****	****	****	****	3	9	8	7	****	******
31	****	3	3	2	****	****	****	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
MEAN	5	5	4	3	3	3	3	3	4	3	4	3	3	3	3	3	3	3	4	4	4	4	4	4	3.5

PERCENTAGE OF DATA VALID - 55.9 PERCENTAGE OF DATA INVALID - 16.7 PERCENTAGE OF DATA UNAVAILABLE - 27.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C ND 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	****	****	****	****	****	1	****	1	0	0	0
2	1	0	0	0	0	0	0	1	1	2	4	****	****	3	3	2	2	2	2	2	2	1	1	1	1
3	1	1	1	0	0	0	0	0	1	1	1	1	6	2	1	1	2	1	2	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	****	****	****	****	****	****	1
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	3	3	2	2	2	2	3	3	******
10	2	1	1	1	1	1	1	1	2	2	1	****	1	1	1	1	1	1	1	1	2	2	2	2	1
11	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1
12	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	1	1	2	2	2	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	2	2	2	2	3	3	2
15	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
17	****	****	****	****	****	****	****	****	****	****	****	****	3	3	2	1	1	1	1	2	2	2	2	2	******
18	1	0	0	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	******
19	1	1	1	1	1	0	0	1	2	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1
20	1	1	1	1	1	1	1	2	3	5	6	4	****	3	2	2	2	2	2	3	3	3	2	4	2
21	4	4	3	15	7	2	2	3	4	4	3	3	3	3	2	2	2	2	2	3	3	4	4	3	4
22	4	6	4	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	4	3	2	2
23	2	2	1	2	2	3	5	7	7	5	3	-	2	2	4	4	4	4	2	3	4	6	4	9	4
24	3	3	6	6	5	3	4	8	10	6	****	****	4	4	4	3	3	3	3	2	2	2	3	5	4
25	7	8	7	3	2	1	1	1	2	3	3	4	4	3	3	6	6	5	3	4	4	3	3	7	4
26	6	4	3	3	1	1	0	1	1	1	1	1	1	2	2	2	4	3	2	2	2	1	2	2	2
27	2	2	1	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
28	0	0	0	0	0	0	0	0	1	0	1	1	1	2	2	2	2	2	2	3	1	1	2	2	1
29	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	2	2	2	2	****	****	3	2	11	34	6	1	1	1	1	2	2	1	4
MEAN	2	2	2	2	1	1	1	2	2	2	2	1	2	2	2	3	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 76.4 PERCENTAGE OF DATA INVALID - 23.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	1	1	1	****	****	1	0	1	1	1	1	1	1	1	1	1	2	2	1
2	1	1	1	1	1	1	2	2	3	3	2	1	1	2	2	2	2	2	2	1	1	1	1	1	2
3	1	0	0	0	0	0	1	1	1	10	11	11	27	42	56	11	9	6	5	2	1	1	1	1	8
4	0	0	0	0	0	1	1	1	1	1	1	1	2	2	3	1	1	1	1	1	1	1	1	0	1
5	0	0	0	0	0	1	1	1	0	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	2	23	35	10	11	11	47	21	73	13	6	5	7	8	6	8	10	27	14	7	15
7	39	21	5	3	9	7	11	9	10	9	46	5	5	1	4	1	1	1	1	1	1	1	1	1	8
8	1	1	1	1	1	2	3	6	10	10	****	****	28	32	12	23	28	25	24	14	19	20	23	15	14
9	9	12	13	13	34	53	26	37	39	25	18	15	15	15	13	22	32	9	32	8	3	4	4	4	19
10	5	11	15	7	7	8	11	43	27	1	3	2	3	5	3	2	1	0	0	0	0	0	0	0	6
11	0	0	0	0	0	0	0	0	2	9	11	****	****	****	****	****	****	****	****	****	****	****	****	****	******
12												- DATA INVALID -													
13												- DATA INVALID -													
14	****	****	****	****	****	****	****	****	****	****	2	1	1	1	1	1	1	1	2	2	2	1	2	1	******
15	1	1	2	1	1	2	2	2	2	3	****	2	2	2	1	2	2	2	2	2	1	1	1	1	2
16	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
17	2	2	2	3	4	3	4	6	4	2	****	1	1	1	2	2	2	2	1	1	1	1	1	1	2
18	1	1	2	1	2	2	2	3	3	3	3	3	4	3	3	2	1	1	1	1	1	1	1	1	2
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1	1
20	1	1	1	0	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1
21	2	2	2	2	2	2	1	1	5	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
22	0	0	0	0	1	1	2	2	2	1	****	1	1	1	1	3	5	4	5	9	12	6	1	1	3
23	1	2	1	4	5	9	6	4	2	1	2	1	2	3	2	2	1	1	2	2	1	2	2	1	2
24	1	1	1	1	0	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	1	1
25	1	0	0	0	0	0	1	1	1	1	1	****	2	2	1	1	2	2	1	1	1	1	2	1	1
26	1	1	1	0	0	0	1	1	1	1	2	3	2	2	2	1	1	1	2	2	2	1	1	1	1
27	1	1	1	1	1	1	1	1	1	0	0	1	2	2	2	1	1	1	1	2	2	2	2	3	1
28	2	2	2	2	2	2	3	3	3	3	****	****	2	10	1	2	2	2	2	3	4	4	4	6	3
29	6	5	4	4	4	5	5	7	7	5	4	4	3	2	2	2	2	2	1	2	3	4	3	3	4
30	2	3	2	3	4	4	3	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	4	3
31	5	5	7	9	8	8	12	15	9	8	6	3	2	2	2	1	1	1	2	2	2	2	4	3	5
MEAN	3	3	2	2	3	5	5	6	6	5	7	3	7	5	5	3	4	3	4	3	3	3	3	2	3.9

PERCENTAGE OF DATA VALID - 89.1 PERCENTAGE OF DATA INVALID - 10.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	3	4	4	4	5	2
2	7	6	5	4	3	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	****	****	****	2	1	****	2	1	1	2	2	1	2	2	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	3	5	4	5	3	4	3	2	2	2	2	2	3	2	3	5	6	5	3
8	6	4	3	4	3	3	5	3	****	2	2	3	3	3	2	2	2	2	3	3	5	5	6	8	4
9	6	3	7	9	9	8	10	12	5	2	2	3	3	3	4	2	2	0	0	0	0	0	0	0	4
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	****	3	3	3	3	2	2	2	2	1	2	2	2	3	3	2	2
16	2	2	2	2	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	2
17	3	3	3	2	2	2	1	2	2	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	2
18	1	1	1	1	1	1	1	2	2	1	****	1	2	1	1	2	2	1	1	2	2	3	4	3	2
19	2	2	1	1	1	1	3	3	4	4	5	3	3	2	2	2	2	1	1	1	2	2	2	2	2
20	2	2	2	2	2	2	2	2	3	6	4	3	4	9	24	14	7	12	15	3	4	3	5	3	6
21	3	3	3	2	4	19	8	8	5	19	30	10	11	7	6	7	2	2	2	3	5	4	5	4	7
22	2	3	3	2	3	3	3	5	5	3	****	2	2	1	1	1	1	1	1	1	1	1	1	1	2
23	1	1	1	1	2	5	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	2	3	3	2	****	2	2	2	2	2	2	2	2	2	2	2	3	3	2
26	6	8	7	5	5	6	7	9	7	4	4	4	4	4	4	4	3	4	4	6	7	4	2	2	5
27	2	3	4	6	3	2	3	4	5	5	4	3	3	3	3	4	3	3	4	4	3	2	3	2	3
28	2	3	6	5	4	3	4	6	6	6	6	4	3	3	2	3	3	3	3	6	6	3	3	3	4
29	4	4	5	5	3	2	3	3	3	3	****	****	2	2	2	2	2	2	2	2	3	2	3	3	3
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2
MEAN	2	2	2	2	2	2	2	3	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	2	3	2	1	1	1	1	2	3	3	2	1	1	2	2	2	3	3	3	2	2
2	2	2	2	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
3	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2
4	1	1	1	1	1	2	2	3	4	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2
5	1	1	1	1	1	1	1	1	1	1	1	1	2	3	44	22	2	1	1	1	2	2	1	1	4
6	1	1	1	1	1	1	3	3	6	18	4	1	1	2	1	2	1	1	1	1	1	2	2	2	2
7	1	2	1	2	2	3	7	5	4	3	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2
8	2	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	5	6	3	2	2
9	3	6	4	4	5	4	3	3	****	4	3	5	7	4	3	4	4	3	2	3	3	4	3	4	4
10	1	1	1	1	3	2	3	3	3	3	5	4	4	3	3	4	3	3	4	3	3	3	3	3	3
11	3	2	2	2	2	2	3	4	4	5	****	****	0	0	****	****	3	3	3	****	****	****	4	4	3
12	6	7	7	6	5	4	4	5	5	3	2	3	3	2	2	2	2	2	2	2	2	2	3	2	3
13	2	8	7	5	4	7	4	6	3	1	1	0	0	0	6	****	3	2	2	3	3	5	****	4	3
14	4	5	6	5	4	3	****	3	3	4	****	5	4	3	4	5	5	3	2	4	4	2	2	2	4
15	2	2	****	****	****	****	2	2	2	3	3	****	****	****	****	2	****	****	****	****	****	4	****	****	******
16	****	****	3	****	3	****	****	5	5	3	****	4	3	****	3	4	4	10	3	1	2	2	1	1	3
17	2	1	1	1	1	2	2	3	3	2	2	2	2	3	3	2	2	3	3	3	2	2	2	2	2
18	2	2	2	2	2	2	2	3	3	3	4	3	3	2	2	2	2	2	2	3	4	3	3	3	3
19	2	2	2	3	4	4	4	4	3	2	2	3	2	2	2	2	2	2	2	2	2	2	3	4	3
20	4	4	3	3	2	2	2	4	****	****	2	2	2	2	1	1	1	3	3	3	3	2	2	3	2
21	5	4	3	3	4	4	4	4	3	3	2	2	2	3	3	2	2	2	2	2	2	3	4	4	3
22	4	4	3	2	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25	-	-	-	-	-	-	-	-	-	-	-	-	****	****	2	2	2	2	2	2	2	1	2	2	******
26	2	2	3	3	3	4	6	4	4	3	2	2	2	1	1	2	2	1	1	1	1	1	1	1	2
27	1	1	1	1	1	1	2	3	3	4	4	2	2	2	1	1	1	1	1	2	3	3	2	2	2
28	3	2	2	2	3	6	7	7	6	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	3
29	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	1	1	1	1	1	2	3	3	3	2
30	2	2	2	2	2	2	3	6	6	4	****	****	2	2	2	3	3	2	2	2	3	2	2	2	3
31	2	1	1	2	2	2	7	7	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	2	3	2	2	2	3	3	4	3	3	2	2	2	2	4	3	2	2	2	2	2	2	2	2	2.6

PERCENTAGE OF DATA VALID - 84.3 PERCENTAGE OF DATA INVALID - 5.4 PERCENTAGE OF DATA UNAVAILABLE - 10.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	1	1	1	3	2	3	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2
3	3	3	3	3	3	3	4	5	4	3	3	2	2	2	3	3	3	2	2	2	4	5	4	36	4
4	32	3	5	60	24	****	****	****	****	2	2	2	2	2	2	2	2	1	2	4	4	3	3	4	8
5	4	4	3	2	****	2	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2
6	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	1
7	2	3	2	2	2	2	2	2	1	1	2	2	3	2	2	2	2	2	2	2	1	1	1	1	2
8	1	1	1	1	1	2	2	2	3	2	2	1	1	2	2	1	1	1	1	1	1	1	2	1	1
9	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
10	2	2	2	1	1	1	1	3	4	4	3	2	1	1	1	1	1	2	2	2	1	2	2	2	2
11	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1
12	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	23	6	3
13	4	4	5	12	4	4	5	8	8	5	1	1	1	1	1	1	1	2	****	****	****	****	****	****	4
14	****	****	1	1	0	0	1	1	1	****	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
15	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	****	****	2	1	1	1	****	****	3	4	2	****	****	****	****	1
21	****	****	****	****	****	****	****	****	****	4	3	2	1	1	1	1	1	1	1	3	4	6	5	4	******
22	3	2	1	1	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	****	****	1
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28	****	****	****	****	****	****	****	****	****	****	****	2	2	1	1	2	2	2	2	****	2	1	2	2	******
29	1	2	3	****	****	****	****	****	****	****	****	****	2	2	2	****	2	2	2	****	****	2	2	****	******
30	****	****	****	****	****	****	****	****	****	****	2	2	2	3	1	1	1	0	0	1	1	1	1	1	******
31	1	1	1	1	1	1	2	3	2	1	1	1	1	1	2	2	2	1	1	2	2	2	3	3	2
MEAN	3	2	2	4	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	1.7

PERCENTAGE OF DATA VALID - 74.7 PERCENTAGE OF DATA INVALID - 25.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	4	5	5	4	4	5	3	2	2	4	2	1	1	1	1	1	1	1	2	1	1	2
2	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
3	1	2	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	1
4	0	0	0	0	0	1	2	3	3	2	****	1	1	1	1	2	2	2	1	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24	****	****	****	****	****	****	****	****	****	****	****	****	3	2	3	2	1	1	1	2	2	2	5	3	******
25	2	8	10	6	3	3	5	5	4	4	3	3	3	2	2	2	3	2	2	3	2	3	3	2	4
26	2	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	3	4	4	9	6	5	3
27	5	5	6	7	5	5	7	11	11	5	4	3	2	2	2	2	2	1	1	2	9	5	3	3	5
28	1	4	5	5	5	5	4	2	2	****	2	2	2	2	2	3	3	3	6	5	4	4	7	7	4
29	6	6	6	4	5	4	7	8	4	2	2	2	2	1	2	2	2	2	2	2	3	3	3	4	4
30	5	4	4	5	5	4	3	2	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1
MEAN	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 52.6 PERCENTAGE OF DATA INVALID - 47.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	0	0	****	****	****	****	****	****	****	****	****	****	4	3	3	****	******
2	****	2	2	1	****	****	****	****	****	****	****	****	****	****	2	3	2	4	2	2	2	1	1	1	******
3	1	3	1	1	1	1	1	2	3	3	****	3	3	4	4	4	3	3	****	****	2	2	2	2	2
4	1	1	1	1	1	1	2	2	2	2	2	2	4	3	2	4	3	3	3	3	3	3	4	5	2
5	3	4	3	1	****	2	3	6	3	4	2	2	3	3	3	3	3	****	****	****	****	****	****	****	3
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	2	2	1	1	2	2	******
10	2	2	2	1	1	2	4	6	7	3	2	2	2	2	2	2	2	2	2	2	2	2	****	****	2
11	2	2	1	1	1	1	3	3	4	4	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
12	1	****	****	2	1	1	2	5	3	****	****	****	****	****	2	2	2	2	2	3	1	1	1	1	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	2	2	1	1	1	1	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
15	****	****	****	****	****	****	****	****	****	****	****	****	****	3	2	2	1	2	2	2	1	1	2	1	******
16	2	1	1	1	1	1	2	2	2	1	1	0	1	1	1	1	1	1	1	1	****	****	****	2	1
17	2	3	3	2	2	2	4	4	4	6	6	****	****	****	****	****	9	****	11	10	10	9	11	11	6
18	9	2	2	0	1	****	****	4	****	2	****	1	1	1	1	1	2	2	2	2	2	2	3	2	2
19	1	1	1	1	1	1	3	2	2	2	2	2	3	3	5	6	7	6	2	2	2	2	2	1	3
20	2	1	1	1	1	1	2	3	1	2	1	1	1	1	1	2	2	1	1	2	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	6	3	2
22	2	2	3	3	4	6	8	4	3	2	2	****	2	2	2	3	3	2	4	3	3	2	2	2	3
23	2	1	1	1	1	1	2	2	3	1	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	****	2	****	****	****	****	****	****	2	1	****	1	1	****	****	1	******
25	1	1	1	1	0	0	1	****	****	****	****	****	****	****	****	****	****	****	****	****	1	****	****	****	******
26	****	****	****	****	0	0	****	****	1	****	****	****	****	****	1	1	1	****	****	****	****	****	****	1	******
27	0	****	0	****	****	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	5	4	1
28	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	2	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
31	1	1	1	1	1	1	2	2	2	2	2	2	****	1	2	2	2	2	2	2	2	3	4	4	2
MEAN	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	1.9

PERCENTAGE OF DATA VALID - 70.3 PERCENTAGE OF DATA INVALID - 29.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	1	1	2	2	2	4	4	6	5	5	8	5	4	4	7	8	4	2	1	1	2	4
2	2	1	1	1	1	1	1	2	3	2	1	2	2	2	2	2	2	3	2	2	2	1	1	1	2
3	2	2	2	2	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1
5	3	2	1	1	2	4	4	5	2	****	2	1	2	2	3	3	3	2	2	2	2	3	3	2	2
6	4	4	5	4	3	2	2	4	5	7	6	5	4	4	5	4	5	4	4	5	5	6	6	5	5
7	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	1	2	3	2	5	4	6	6	****	3	3	2	2	3	4	3	3	2	2	2	2	2	3
10	3	3	2	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2
11	2	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1
12	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	3	3	4	5	4	4	2
13	4	4	3	2	2	2	2	3	5	4	3	****	2	2	2	2	2	2	3	3	2	2	2	1	3
14	1	1	1	1	****	****	****	****	****	****	****	1	1	1	1	2	2	2	2	1	1	1	2	2	1
15	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	2	3	3	3	4	3	2	1	1	2
16	1	1	1	1	1	1	1	2	2	****	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2
17	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	4	5	9	6	8	3
18	9	5	3	3	5	9	5	4	5	5	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3
19	1	1	1	1	1	1	1	2	3	2	2	****	****	3	4	5	3	3	3	3	4	3	3	5	3
20	5	4	4	3	3	3	3	4	7	4	2	2	2	2	2	****	****	****	****	****	****	****	****	****	******
21												- DATA INVALID -													
22												- DATA INVALID -													
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	7	10	6	6	5	7	******
24	9	5	4	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	****	****	2
25	****	****	2	5	6	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	******
26	1	1	1	1	2	2	2	3	5	2	3	****	****	2	2	2	1	1	1	1	1	1	****	****	2
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
MEAN	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	3	3	2	2	2	3	2.3

PERCENTAGE OF DATA VALID - 72.4 PERCENTAGE OF DATA INVALID - 27.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3	****	1	1	1	1	1	****	2	****	****	****	1	2	2	1	1	2	2	2	****	****	1	1	1	1
4	****	****	****	1	1	1	2	3	3	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
5	****	2	1	2	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
6	2	2	3	2	2	2	2	4	5	4	5	3	3	****	****	****	****	2	2	2	2	2	2	2	3
7	1	2	1	1	1	1	2	2	****	****	****	****	****	****	****	1	2	2	****	****	****	****	1	****	******
8	****	****	****	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
9	0	0	1	1	0	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	2	5	1	1	******
10	1	0	0	2	0	0	2	1	3	3	****	****	4	6	2	2	2	2	2	2	2	3	2	2	2
11	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	4	2	2	2	2	2	2
12	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	0	1	1	1	1	0	1	2	2	3	2	2	2	2	2	2	3	4	5	3	3	3	1	1	2
14	1	1	1	1	1	1	1	2	2	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
16	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	0	0	0	0	1
17	0	0	0	0	0	1	1	1	2	3	3	****	****	****	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	4	4	2	3	2	1	2	2	2
19	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	6	6	6	6	7	2	1	3
21	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2	1	1	4	2	6	3	2	2	2
22	2	2	1	1	1	1	****	****	1	1	1	1	1	2	2	2	1	2	2	1	1	3	5	4	2
23	4	****	3	2	2	3	****	2	2	1	2	2	3	3	2	3	3	3	3	2	2	2	3	2	2
24	2	2	2	2	3	3	3	2	2	2	2	2	2	2	****	2	2	2	1	2	1	1	1	2	2
25	2	1	1	2	1	1	1	1	1	1	1	****	1	2	1	1	1	****	****	****	****	****	****	****	1
26	****	****	****	****	1	1	0	0	0	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	0	1	0	0	****	****	****	****	0	1	****	1	1	1	1	2	2	1	1	1	1	1	1	1	1
28	1	1	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	******
29	1	1	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
31	1	1	1	1	2	2	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	4	2
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1.5

PERCENTAGE OF DATA VALID - 80.8 PERCENTAGE OF DATA INVALID - 19.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR	16	3.5	9	13
APR	22	1.8	4	34
MAY	27	3.9	19	73
JUN	30	2.0	7	30
JUL	26	2.6	4	44
AUG	22	1.7	8	60
SEP	15	1.6	5	11
OCT	20	1.9	6	11
NOV	21	2.3	5	10
DEC	25	1.5	3	7
YEAR	224	2.3	19	73

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - REACTIVE HYDROCARBONS (NON-METHANE) UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	DATA UNAVAILABLE								
FEB	DATA UNAVAILABLE								
MAR	406	10	0	0	0	0	0	0	416
APR	547	2	0	1	0	0	0	0	550
MAY	605	27	16	14	1	0	0	0	663
JUN	700	7	2	0	0	0	0	0	709
JUL	624	1	1	1	0	0	0	0	627
AUG	550	1	2	3	0	0	0	0	556
SEP	377	2	0	0	0	0	0	0	379
OCT	520	3	0	0	0	0	0	0	523
NOV	521	0	0	0	0	0	0	0	521
DEC	601	0	0	0	0	0	0	0	601
YEAR	5451	53	21	19	1	0	0	0	5545

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
75.5	0	0.0	0.5	1.1	1.8	3.9	5.8	9.4	13.5	73	2.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
2	16	16	16	16	16	16	16	16	18	21	18	18	20	21	20	17	17	17	18	17	16	16	16	16	17
3	15	15	16	16	15	16	17	18	18	****	16	16	16	16	16	16	16	17	16	15	15	15	16	16	16
4	14	15	14	14	14	14	14	14	14	14	13	12	13	13	14	16	16	16	14	14	14	15	15	15	14
5	15	15	15	14	14	14	14	15	16	16	15	14	14	14	14	14	13	14	14	14	15	15	14	14	14
6	14	15	14	14	14	14	15	15	15	15	15	14	14	15	14	14	****	****	13	13	13	13	13	14	14
7	14	14	15	15	14	14	14	15	15	14	14	14	15	15	15	15	15	15	14	15	15	15	15	16	15
8	15	14	14	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15	15	15	15	14	14	15	15
9	15	15	14	15	15	15	15	15	16	15	14	14	15	15	15	15	15	15	15	15	15	15	16	21	15
10	20	20	20	20	22	22	19	18	19	18	18	17	16	15	15	15	14	14	15	15	14	15	16	17	17
11	17	17	16	16	16	15	15	15	15	15	15	15	15	16	16	15	15	15	15	15	15	15	15	15	15
12	14	14	15	15	15	15	15	14	15	16	16	17	18	17	17	17	16	16	16	16	16	15	15	16	16
13	16	16	16	16	15	15	16	17	17	16	20	22	22	16	16	16	17	18	19	18	16	15	14	14	17
14	14	14	15	16	17	16	16	16	15	15	15	14	14	13	13	13	13	13	13	13	13	13	14	14	14
15	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	13	13	13
16	13	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	13	14	14	14	13	14	14	14
17	20	24	25	22	21	17	19	16	15	****	14	14	14	14	15	14	14	14	13	13	14	14	14	15	16
18	18	24	30	34	29	22	18	16	16	16	15	15	15	15	****	****	****	****	****	****	****	****	****	****	******
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	16	16	17	17	16	16	16	15	16	16	15	15	16	15	15	15	15	15	15	15	15	15	15	15	15.4

PERCENTAGE OF DATA VALID - 58.1 PERCENTAGE OF DATA INVALID - 7.1 PERCENTAGE OF DATA UNAVAILABLE - 34.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11	-	-	-	-	-	-	-	-	-	-	-	-	21	21	22	23	23	23	22	24	23	24	27	27	******
12	32	40	39	50	49	36	29	24	23	21	21	20	22	21	22	21	21	21	22	23	27	25	26	24	27
13	26	29	31	28	25	26	36	26	25	23	21	22	21	21	21	21	****	****	****	****	****	****	****	****	25
14												- DATA INVALID -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	28	26	25	24	23	24	24	28	27	******
28	24	24	27	28	27	24	24	24	22	21	21	20	21	22	21	22	20	20	21	21	21	21	22	84	25
29	24	22	21	20	20	21	21	23	24	22	21	20	****	21	22	23	21	21	21	22	22	22	24	24	22
30	27	20	19	19	18	19	19	19	18	19	19	18	19	19	20	20	21	22	22	23	23	24	23	22	21
MEAN	27	27	27	29	28	25	26	23	22	21	21	20	21	21	23	23	22	22	22	23	23	23	25	35	24.0

PERCENTAGE OF DATA VALID - 18.5 PERCENTAGE OF DATA INVALID - 2.9 PERCENTAGE OF DATA UNAVAILABLE - 78.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	19	19	20	20	20	20	20	20	19	19	19	21	21	21	21	21	22	21	21	20	20	20	20	20
2	19	19	19	19	19	19	20	19	20	20	20	20	20	21	20	20	20	20	21	22	28	38	43	47	23
3	39	30	24	29	34	31	29	25	23	22	22	21	22	22	22	22	22	21	20	21	21	22	21	20	24
4	19	20	20	20	19	19	19	20	20	19	19	19	20	19	19	18	18	18	18	18	18	19	20	19	19
5	21	21	20	19	19	19	22	21	20	18	****	****	18	18	18	18	18	18	18	19	20	20	24	25	20
6	28	25	26	31	33	33	28	26	19	22	22	21	21	20	20	19	19	19	19	20	20	25	29	30	24
7	33	35	34	30	31	31	32	33	28	25	20	20	18	18	18	18	18	18	18	19	19	19	21	22	24
8	25	28	32	34	36	29	26	23	19	19	19	19	18	18	18	18	18	18	19	20	20	19	18	18	22
9	18	19	19	20	21	21	22	24	24	23	21	22	22	22	21	24	20	22	23	24	24	23	22	22	22
10	22	21	21	20	21	21	21	21	21	21	20	19	20	20	20	21	20	19	19	22	23	23	25	26	21
11	24	27	26	32	35	33	30	****	****	****	****	20	21	20	21	26	22	25	27	25	24	31	34	33	27
12	29	29	36	42	44	54	45	****	42	28	24	24	24	22	20	19	20	19	19	20	22	22	26	23	28
13	23	23	24	25	26	26	22	20	20	20	19	19	****	21	20	20	21	21	20	20	23	28	34	35	23
14	39	46	53	51	46	43	40	37	30	25	21	18	18	21	19	18	19	20	20	21	20	24	27	28	29
15	33	26	27	23	23	28	26	22	20	20	19	18	20	19	19	19	16	17	17	17	18	22	22	23	21
16	22	22	22	24	24	22	23	24	25	22	21	19	19	19	19	19	18	18	18	19	19	18	18	18	21
17	18	18	18	18	18	19	21	20	19	19	19	18	19	15	****	****	19	18	16	15	18	20	20	19	18
18	21	21	22	22	22	22	21	21	19	19	18	18	18	18	18	19	19	18	19	19	20	21	21	21	20
19	21	23	25	27	31	32	31	29	23	20	19	19	20	20	19	18	18	18	18	18	18	20	20	20	22
20	19	20	26	31	30	37	37	37	29	25	19	18	18	18	18	17	17	17	17	17	18	20	22	22	23
21	21	27	29	40	38	38	40	36	29	25	21	19	19	18	18	18	17	17	18	18	18	19	20	20	24
22	21	22	24	28	33	33	29	24	22	22	21	17	19	20	19	19	19	19	20	19	19	19	20	20	22
23	24	23	22	23	23	21	20	21	****	19	18	18	18	18	18	18	18	18	18	18	19	19	19	18	20
24	19	20	21	20	20	19	19	20	20	19	18	18	18	18	17	18	17	17	18	18	18	18	18	18	19
25	18	18	18	18	18	18	19	19	19	19	19	19	19	21	20	21	19	19	19	18	19	20	19	19	19
26	17	18	17	18	18	17	17	****	****	****	18	18	18	18	19	19	21	19	18	19	19	20	21	20	19
27	20	19	18	18	19	19	19	19	17	18	16	16	16	16	15	17	17	17	17	17	18	19	19	18	18
28	18	18	20	18	17	21	25	20	16	16	17	18	17	17	17	17	17	17	17	18	19	18	17	17	18
29	17	17	18	19	21	23	22	18	14	14	14	15	15	15	15	14	15	15	15	16	18	20	18	18	17
30	19	18	17	19	19	17	17	16	15	15	15	15	16	15	16	16	16	16	17	17	18	19	18	18	17
31	18	18	18	18	18	20	18	23	19	19	21	22	19	19	18	17	17	16	17	18	18	18	17	17	18
MEAN	23	23	24	25	26	26	25	24	22	20	19	19	19	19	19	19	19	19	19	19	20	21	22	22	21.3

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	15	16	17	17	17	20	19	18	20	18	17	17	18	19	18	17	****	****	****	****	****	****	****	18
2	****	****	****	17	16	15	15	15	****	17	15	16	16	15	15	17	17	****	****	****	****	****	****	****	******
3	****	****	****	****	****	****	****	****	****	****	15	15	15	15	15	16	17	17	18	22	23	21	21	20	******
4	22	24	23	24	28	30	31	27	19	20	21	18	16	16	15	16	17	17	18	21	22	22	21	20	21
5	19	18	21	21	23	25	25	25	19	17	16	18	16	17	17	16	17	15	15	16	16	17	18	20	19
6	21	17	15	14	14	14	15	15	17	15	14	15	15	15	15	15	15	16	16	16	16	16	16	19	16
7	21	19	18	16	16	16	15	15	16	17	15	14	14	14	14	15	16	16	16	16	17	19	19	19	16
8	17	17	23	25	27	31	32	25	15	15	15	17	16	16	16	17	16	16	16	17	18	19	17	16	19
9	17	16	15	14	13	15	14	14	16	18	17	16	15	-	14	18	13	14	15	15	17	17	17	16	15
10	15	14	14	14	14	14	12	13	13	14	13	14	14	14	13	14	14	14	15	15	16	15	15	13	14
11	14	13	13	13	13	13	13	13	13	13	13	14	15	14	14	14	13	14	14	14	14	14	15	16	14
12	16	15	14	14	14	14	14	14	12	10	11	11	12	12	12	11	11	13	13	13	13	14	15	14	13
13	19	28	25	23	19	19	21	18	15	14	14	13	13	13	14	17	15	16	18	17	17	18	17	16	17
14	17	14	17	16	13	15	15	15	15	13	13	12	13	13	13	14	14	13	13	13	14	14	13	12	14
15	12	12	11	11	10	11	11	12	13	14	16	17	18	18	19	19	19	19	19	19	20	21	22	22	16
16	23	23	31	33	38	45	38	25	24	23	21	21	22	23	22	21	21	20	21	21	22	23	23	23	25
17	24	24	29	27	29	31	34	****	23	21	21	19	21	20	19	21	21	20	19	19	19	19	19	18	22
18	18	18	19	21	20	24	20	21	22	20	22	21	20	20	20	19	19	19	19	20	23	23	23	24	21
19	23	19	20	22	22	22	23	21	17	18	18	18	18	18	18	18	18	19	19	21	20	20	19	19	20
20	18	18	18	18	18	20	19	20	20	19	19	19	19	20	20	21	21	20	21	19	20	22	22	22	20
21	21	23	23	24	24	22	19	19	19	19	19	18	18	19	18	19	19	19	19	20	22	23	22	22	20
22	22	23	23	23	21	22	22	22	22	22	22	21	23	21	20	20	21	21	20	21	21	22	22	22	22
23	24	23	23	26	21	20	21	22	21	19	18	19	18	18	19	22	20	21	19	18	18	19	19	19	20
24	19	21	21	20	19	19	19	19	19	17	18	18	19	18	18	19	20	19	20	19	18	19	19	21	19
25	23	24	30	27	24	24	25	25	24	23	21	19	18	18	18	17	17	18	18	25	26	29	19	18	22
26	18	18	18	18	19	18	18	18	18	19	18	17	18	18	18	18	18	18	18	18	18	19	20	20	18
27	21	26	25	23	34	38	37	32	26	20	18	17	16	16	16	17	17	18	18	18	19	19	19	19	22
28	21	22	23	24	25	28	30	34	****	20	19	18	18	18	17	18	20	19	18	18	18	19	20	18	21
29	19	18	19	21	21	21	19	18	17	18	18	19	19	19	18	18	18	18	18	19	21	21	22	24	19
30	23	21	19	21	23	27	31	29	25	22	22	21	18	17	17	17	18	17	17	21	19	18	17	18	21
31	21	21	21	21	21	23	23	18	18	16	16	****	****	****	14	14	15	16	16	****	****	****	****	****	18
MEAN	19	19	20	20	21	22	22	20	18	18	17	17	17	17	17	17	17	17	17	18	19	19	19	19	18 7

PERCENTAGE OF DATA VALID - 94.8 PERCENTAGE OF DATA INVALID - 5.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4	****	****	****	****	****	****	****	****	****	17	17	17	18	18	18	18	18	18	21	21	21	20	21	21	******
5	21	21	26	28	27	26	21	20	18	17	18	19	19	18	18	18	17	17	19	19	20	22	22	22	21
6	30	42	47	46	44	****	****	****	****	****	****	19	18	17	17	19	20	20	21	21	22	****	****	****	******
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	15	15	18	20	16	17	19	16	14	******
14	13	12	12	12	12	12	12	13	13	14	14	13	13	13	13	15	15	15	15	15	17	18	17	15	14
15	15	15	15	15	14	16	16	13	13	11	11	13	13	12	12	12	13	13	15	16	17	21	25	30	15
16	31	31	20	14	13	13	16	25	22	13	16	15	13	12	12	13	13	13	14	15	15	16	16	17	17
17	27	28	26	20	23	24	20	****	17	13	14	13	12	13	13	14	14	14	14	15	17	17	20	18	18
18	16	14	15	15	13	14	14	14	15	15	14	14	13	13	13	12	13	13	14	13	14	13	13	13	14
19	13	13	13	12	11	11	12	12	12	11	11	12	11	12	12	13	15	14	13	13	15	17	15	14	13
20	18	15	14	14	14	17	18	20	17	11	11	12	11	12	12	13	14	13	14	15	18	17	16	19	15
21	18	17	17	18	14	15	14	16	17	13	15	****	13	12	13	13	13	12	13	13	16	16	16	14	15
22	12	14	13	11	11	11	11	12	12	13	12	11	11	11	12	12	11	12	12	14	13	14	13	14	12
23	16	13	15	13	14	14	13	14	11	9	11	10	9	10	10	10	9	11	12	10	13	12	12	11	12
24	12	12	10	10	14	14	21	26	23	9	****	9	9	10	11	11	12	13	13	15	14	16	14	15	14
25	19	26	21	25	23	24	37	32	26	18	12	10	11	11	11	11	12	11	13	13	15	14	14	14	18
26	13	14	15	20	19	23	19	22	19	17	16	15	15	12	12	11	12	12	15	14	18	18	22	26	17
27	23	25	34	31	25	46	34	34	****	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
28	-	-	-	-	-	-	-	-	-	-	-	-	11	10	10	10	12	12	12	17	19	16	17	16	******
29	19	27	17	15	17	22	19	18	14	13	10	15	14	9	10	9	10	12	11	11	11	11	12	12	14
30	11	13	12	11	14	12	12	16	17	17	12	15	14	15	12	10	13	13	13	14	14	14	13	12	13
MEAN	18	20	19	18	18	18	18	19	17	14	13	14	13	13	13	13	14	14	15	15	16	16	17	17	15.8

PERCENTAGE OF DATA VALID - 61.1 PERCENTAGE OF DATA INVALID - 35.1 PERCENTAGE OF DATA UNAVAILABLE - 3.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	13	13	14	14	13	16	16	12	11	14	13	14	14	14	14	14	17	13	14	15	11	11	14
2	10	12	12	12	12	22	13	13	11	14	14	13	14	13	13	14	15	14	16	15	14	14	15	15	14
3	15	14	14	14	12	11	11	10	****	11	10	10	10	10	10	11	12	12	11	12	13	14	14	14	12
4	11	12	13	13	12	13	16	15	11	11	10	10	11	10	12	12	13	13	12	14	18	18	16	17	13
5	17	15	13	13	12	16	18	18	13	****	9	9	8	8	8	8	9	9	9	10	11	12	12	11	12
6	8	7	8	8	10	10	10	10	10	11	11	10	12	10	10	9	9	10	10	12	12	10	9	8	10
7	8	8	8	8	6	7	8	8	8	8	7	7	8	8	9	9	9	8	9	10	10	9	9	8	8
8	8	8	8	7	12	11	10	10	9	10	7	8	9	9	10	10	13	14	11	12	14	13	12	11	10
9	13	13	8	7	7	7	8	****	8	9	9	8	7	7	6	7	7	6	7	7	9	10	10	10	8
10	8	12	14	16	17	19	24	25	14	7	2	****	****	****	8	9	8	10	11	13	14	19	15	18	13
11	14	11	11	12	10	10	12	15	10	8	8	7	7	7	8	8	8	8	8	8	9	9	9	9	9
12	8	10	10	9	9	11	12	11	9	8	8	9	10	8	9	12	10	9	9	9	9	9	10	10	10
13	10	9	9	9	8	7	8	8	9	9	9	9	9	9	9	10	10	10	10	10	11	10	8	8	9
14	8	8	9	12	8	8	9	9	8	8	7	7	8	8	8	8	8	9	9	11	15	18	9	9	9
15	10	8	12	10	8	8	10	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
16	-	-	-	-	-	-	-	-	-	-	-	-	-	20	20	21	21	20	19	20	20	20	20	19	******
17	20	23	21	21	21	21	23	24	22	22	23	23	24	24	24	24	23	25	23	23	24	23	21	21	23
18	18	20	19	19	18	19	19	20	21	21	20	20	19	19	20	20	19	20	21	21	20	21	20	20	20
19	21	21	22	21	21	20	20	21	20	20	19	19	19	****	20	20	20	21	21	20	21	20	19	20	20
20	21	20	20	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	17	17	18	17	18
21	17	18	17	17	17	17	18	17	17	****	****	****	****	****	****	17	18	19	18	18	17	18	16	16	17
22												- DATA INVALID -													
23	-	-	-	-	-	-	-	****	18	20	20	19	20	20	21	21	21	21	21	21	22	21	20	20	20
24	19	20	19	19	20	20	20	21	20	21	20	20	20	20	21	21	20	21	21	20	20	20	20	20	20
25	20	20	20	19	20	20	21	21	21	22	21	21	21	22	21	22	21	21	21	21	20	20	21	22	21
26	22	24	23	20	20	20	21	22	21	22	21	21	20	21	****	20	21	20	23	25	27	27	26	26	22
27	27	23	24	22	22	22	21	20	20	19	19	19	20	19	19	20	20	20	21	20	20	20	21	25	21
28	23	21	20	19	19	19	19	19	19	19	19	20	19	19	19	20	21	20	20	20	19	19	20	22	20
29	23	25	27	26	28	28	23	25	26	****	21	21	21	19	19	19	21	24	22	21	22	24	26	24	23
30	23	22	22	22	21	21	22	21	22	21	21	20	19	19	19	19	20	21	21	20	20	20	19	20	21
31	19	19	20	21	21	23	24	25	25	****	20	20	18	20	19	21	21	20	20	20	19	19	19	19	21
MEAN	16	16	16	15	15	16	16	17	16	15	14	15	15	15	15	15	16	16	16	16	17	17	16	16	15.6

PERCENTAGE OF DATA VALID - 89.7 PERCENTAGE OF DATA INVALID - 3.4 PERCENTAGE OF DATA UNAVAILABLE - 7.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	18	18	18	18	19	20	19	19	18	20	22	21	20	20	19	20	20	19	19	20	19	20	19
2	20	19	19	20	22	21	23	22	****	****	20	19	19	19	19	20	20	21	21	22	23	22	22	24	21
3	24	29	32	28	26	24	27	28	24	23	23	21	19	19	18	18	18	19	19	19	19	20	19	19	22
4	19	19	19	19	19	19	20	20	19	19	18	19	18	19	19	18	18	20	21	22	20	21	20	22	19
5	22	20	20	20	21	21	22	24	22	19	20	20	19	20	20	21	22	22	22	22	22	22	23	22	21
6	22	22	22	24	25	27	22	24	23	21	21	21	23	22	22	23	23	23	22	20	19	19	19	19	22
7	19	18	18	18	18	18	19	19	20	19	20	19	19	20	20	20	20	20	20	21	21	22	21	22	20
8	21	20	20	20	20	21	20	****	****	19	19	19	20	21	19	19	21	21	21	22	22	24	24	23	21
9	22	24	24	25	25	26	27	25	21	20	23	22	24	24	21	21	23	23	23	23	25	24	23	22	23
10	21	21	19	19	18	18	18	19	19	20	19	20	20	21	22	22	23	22	21	22	22	21	24	23	21
11	23	21	19	18	18	18	18	18	18	18	18	17	****	****	****	****	****	****	16	20	20	21	19	21	19
12	21	22	24	24	23	24	26	26	24	22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
13	****	****	****	****	****	****	****	****	****	26	24	22	20	18	19	19	20	19	19	19	19	19	19	19	******
14	18	18	19	19	21	21	21	23	23	20	18	17	18	17	17	18	18	18	18	21	20	20	19	20	19
15	18	19	19	20	18	18	19	19	19	19	19	19	18	20	21	20	21	20	19	19	18	18	17	18	19
16	17	****	****	****	****	****	****	****	****	****	****	****	-	-	-	-	-	-	-	-	-	-	-	-	******
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	20	21	21	21	21	21	22	22	21	20	20	20	20	20	20	20	20	21	20	21	21	21	21	21	20.6

PERCENTAGE OF DATA VALID - 45.6 PERCENTAGE OF DATA INVALID - 6.1 PERCENTAGE OF DATA UNAVAILABLE - 48.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6	-	-	-	-	-	-	-	-	-	-	-	-	****	****	21	20	22	21	22	22	22	22	22	21	******
7	20	20	19	19	19	18	18	18	19	19	19	****	21	21	20	20	21	21	21	22	21	20	19	19	20
8	19	19	19	19	18	19	19	19	19	19	19	19	19	19	19	19	20	20	21	21	21	21	22	22	20
9	24	24	23	22	22	21	22	21	21	21	21	21	21	21	20	20	20	21	22	22	24	26	26	27	22
10	28	27	27	29	26	24	25	26	29	24	22	21	20	20	19	19	22	23	22	21	21	21	22	22	23
11	22	21	20	20	20	20	20	21	25	21	21	21	20	19	19	19	19	21	20	19	21	21	21	21	21
12	19	18	18	18	20	20	20	21	22	22	20	19	20	20	21	20	20	21	21	21	20	21	21	21	20
13	21	20	20	20	21	20	21	22	22	21	21	23	21	21	21	20	20	21	22	23	23	23	21	23	21
14	23	23	21	21	20	21	21	22	23	19	20	19	18	18	17	17	18	19	21	21	21	23	26	23	21
15	24	23	22	22	21	21	20	21	21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA UNAVAILABLE -													
20												- DATA INVALID -													
21	****	****	****	****	****	****	****	****	****	25	24	23	21	21	21	21	24	23	22	22	21	21	21	21	******
22	21	21	21	21	20	20	20	20	21	21	22	21	22	21	21	22	20	19	19	19	19	19	19	19	20
23	19	19	19	19	18	19	20	18	19	19	18	20	21	21	26	23	21	21	22	21	19	19	18	18	20
24	20	19	18	19	20	21	21	21	20	20	20	21	21	21	21	20	19	21	21	20	20	21	24	23	21
25	21	21	21	20	20	19	19	19	19	19	19	19	18	18	18	18	18	18	17	17	17	18	18	18	19
26	18	18	18	18	18	18	19	19	19	19	20	20	21	21	21	20	19	20	21	20	20	20	20	21	20
27	21	20	20	21	20	20	19	19	****	20	20	20	20	20	20	20	19	19	21	22	21	20	22	21	20
28	19	20	19	19	19	19	18	18	18	20	20	20	19	21	21	20	20	19	21	23	23	22	22	22	20
29	22	22	23	24	23	25	25	25	34	30	22	22	22	22	21	25	25	25	29	30	30	32	35	33	26
30	30	28	27	28	32	34	38	41	35	29	32	27	24	23	22	22	21	21	21	22	23	22	22	22	27
31	23	21	21	21	21	22	21	21	21	21	21	21	22	25	24	24	22	21	22	23	23	24	23	22	22
MEAN	22	21	21	21	21	21	21	22	23	22	21	21	21	21	21	20	21	21	21	22	22	22	22	22	21.3

PERCENTAGE OF DATA VALID - 62.4 PERCENTAGE OF DATA INVALID - 13.2 PERCENTAGE OF DATA UNAVAILABLE - 24.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR	17	15.4	17	34
MAY		DATA UNAVAILABLE		
JUN	5	24.0	27	84
JUL	31	21.3	29	54
AUG	29	18.7	25	45
SEP	16	15.8	21	47
OCT	28	15.6	23	28
NOV	13	20.6	23	32
DEC	18	21.3	27	41
YEAR	157	18.6	29	84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN		DATA UNAVAILABLE							
FEB		DATA UNAVAILABLE							
MAR		DATA UNAVAILABLE							
APR	0	394	23	1	0	0	0	0	418
MAY		DATA UNAVAILABLE							
JUN	0	12	111	9	1	0	0	0	133
JUL	0	357	317	56	0	0	0	0	730
AUG	2	463	224	16	0	0	0	0	705
SEP	24	344	59	13	0	0	0	0	440
OCT	193	236	238	0	0	0	0	0	667
NOV	0	131	196	1	0	0	0	0	328
DEC	0	116	338	10	0	0	0	0	464
YEAR	219	2053	1506	106	1	0	0	0	3885

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT							
66.3	2	12.0	15.6	18.3	20.1	23.3	26.3	31.9	36.5	84	18.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	13	11	10	12	11	11	11	12	12	12	12	10	10	10	26	10	10	10	10	10	10	10	10	12
2	10	10	10	10	10	10	10	10	****	10	11	11	10	10	10	10	10	10	10	10	-	-	-	11	10
3	11	11	11	11	11	11	11	12	****	****	****	14	15	15	15	15	15	15	15	15	15	15	14	14	13
4	14	14	14	14	14	14	14	14	14	14	****	****	****	13	14	14	14	14	14	14	14	13	13	13	14
5	13	14	14	14	14	14	15	15	15	15	14	14	15	15	15	16	16	16	16	17	18	18	****	17	15
6	17	18	18	18	18	18	18	17	17	17	17	17	17	17	18	17	17	22	22	23	20	20	18	18	18
7	18	17	17	17	18	17	17	17	16	17	19	18	17	15	15	15	15	14	15	15	15	15	15	15	16
8	15	15	15	15	15	15	15	16	15	15	15	16	16	16	16	16	16	17	17	17	17	16	16	16	16
9	17	17	16	18	21	19	17	19	18	18	18	18	18	18	18	****	16	16	16	17	16	15	15	14	17
10	14	14	14	14	14	16	16	16	16	16	16	15	15	****	14	14	14	15	15	15	16	16	****	16	15
11	16	17	17	16	17	17	18	19	22	21	21	18	16	17	18	17	18	19	-	-	-	22	24	24	19
12	20	18	18	18	18	18	18	19	19	17	15	16	16	15	16	16	17	17	-	-	16	16	15	15	17
13	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	17	19	17	17	16	16	17	****	17	16
14	18	17	16	15	14	13	13	13	14	14	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15
15	15	16	15	15	16	17	18	18	19	20	21	20	19	18	18	20	19	23	24	22	22	26	25	22	20
16	19	22	22	18	18	17	17	18	19	18	16	16	17	16	17	16	20	21	22	23	22	19	19	20	19
17	17	16	16	15	15	15	16	16	18	18	19	19	18	17	17	16	15	15	15	15	15	15	15	15	16
18	15	15	15	15	15	15	15	15	15	15	-	-	****	14	14	15	16	17	17	16	16	16	19	18	16
19	21	17	17	16	16	16	16	20	19	18	17	16	-	15	16	16	16	16	16	15	15	16	16	16	17
20	15	16	16	16	15	15	15	16	16	17	17	16	17	16	16	16	15	15	15	15	15	16	16	15	16
21	16	16	15	14	14	14	14	14	14	14	13	14	13	13	12	12	12	12	12	13	13	13	13	13	13
22	13	13	12	12	12	-	12	12	12	12	12	12	13	****	14	13	12	****	13	13	13	13	13	16	13
23	15	17	17	15	15	14	13	15	15	14	****	14	14	16	16	15	17	16	16	15	15	15	15	15	15
24	15	14	14	14	14	14	14	14	15	-	****	15	15	16	16	17	17	17	15	15	15	15	14	14	15
25	14	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	13	14
26	13	13	13	13	13	13	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	14	13	13	13
27	13	13	13	14	13	13	13	13	13	14	13	13	14	13	14	15	14	13	14	15	12	13	13	12	13
28	13	12	12	11	11	11	11	11	11	11	12	12	12	11	11	12	12	12	12	12	12	12	12	12	12
29	12	12	12	12	12	12	12	12	12	****	13	14	14	14	14	14	14	14	14	14	14	14	14	14	13
30	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	14	-	15	15	14	15	15	14	14
31	15	14	14	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	14
MEAN	15	15	15	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	15	15	15.0

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	****	13	14	14	14	14	14	14	14	13
2	15	15	14	14	14	15	15	16	16	17	19	****	****	****	****	****	****	27	20	20	24	31	39	45	21
3	37	35	38	31	22	22	24	33	31	25	19	18	16	16	16	15	15	15	15	14	15	15	19	19	22
4	16	17	17	17	16	17	16	16	15	14	14	14	14	14	14	14	14	14	13	13	13	14	14	14	15
5	14	14	14	14	13	14	14	14	14	14	14	14	13	13	13	13	-	14	14	****	****	****	****	****	14
6	****	****	****	****	****	****	****	****	****	****	20	18	17	16	****	****	****	****	****	****	****	****	****	****	******
7	****	****	****	****	****	****	****	****	21	18	18	18	22	19	34	16	14	14	12	12	13	13	12	12	17
8	13	13	****	****	****	****	****	****	12	11	11	11	11	28	14	15	15	15	15	15	15	15	15	15	14
9	14	14	15	15	16	19	20	17	18	17	16	16	17	****	19	23	20	19	20	19	19	20	20	19	18
10	19	18	19	19	19	18	17	17	17	17	17	17	16	16	16	16	17	17	18	20	19	18	17	17	18
11	17	17	17	17	18	19	18	18	18	19	18	18	18	18	17	17	17	17	17	17	18	17	17	17	18
12	16	16	16	16	16	17	17	18	17	16	15	16	17	17	16	16	16	16	16	16	16	17	17	16	16
13	16	16	16	16	16	16	16	19	19	20	18	17	17	17	17	17	17	****	26	19	19	19	20	20	18
14	18	18	17	17	17	17	17	18	18	17	17	24	14	15	16	16	17	17	17	16	16	16	16	16	17
15	15	16	15	14	15	14	15	16	16	15	15	14	14	14	14	14	14	13	-	14	15	13	14	15	15
16	14	14	14	14	14	14	14	14	14	14	14	14	14	15	14	14	13	13	14	13	13	13	13	15	14
17	-	13	13	13	13	13	13	14	14	14	15	14	14	-	14	15	14	14	14	14	14	14	14	14	14
18	14	15	14	14	14	14	14	14	14	13	13	13	13	13	13	12	12	12	12	11	-	11	10	****	13
19	13	12	13	13	13	14	15	19	22	****	****	14	14	14	13	14	19	20	32	26	26	27	27	28	19
20	27	26	29	30	31	24	26	26	30	32	29	21	20	21	18	18	18	17	18	18	20	19	19	19	23
21	20	16	17	16	15	16	15	15	14	19	26	24	16	12	12	12	14	14	14	14	14	14	15	15	16
22	14	17	14	16	16	15	16	17	16	14	13	12	12	12	11	12	12	12	11	10	10	10	9	4	13
23	2	****	****	****	17	19	20	21	21	20	22	23	25	29	34	50	53	59	43	31	26	24	20	21	28
24	20	22	21	20	19	19	19	20	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
25	19	19	19	19	19	19	19	19	19	19	20	20	20	20	20	20	19	19	19	19	19	18	19	19	19
26	18	18	17	17	17	17	17	17	17	18	18	18	18	18	****	****	****	****	****	****	****	****	****	****	******
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	18	17	18	20	21	20	24	19	******
28	24	22	20	19	19	24	33	28	27	23	22	31	25	19	18	17	17	17	17	18	16	15	17	15	21
MEAN	17	17	17	17	17	17	18	18	18	18	18	17	17	17	17	17	17	18	18	17	17	17	18	18	17.3

PERCENTAGE OF DATA VALID - 87.4 PERCENTAGE OF DATA INVALID - 11.9 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	14	13	14	14	13	14	15	16	16	15	16	15	****	****	19	19	19	19	19	19	18	17	17	16
2	17	17	17	17	17	19	18	19	18	18	18	18	****	18	18	20	****	-	****	****	****	****	****	****	******
3	****	****	****	****	****	21	21	21	21	21	21	22	22	21	21	21	21	23	22	20	19	18	18	18	21
4	17	17	16	16	16	15	16	15	16	15	15	14	15	15	16	15	15	15	20	16	15	15	14	18	16
5	17	17	17	16	16	16	16	17	****	****	15	16	16	17	17	18	18	18	22	20	23	22	23	21	18
6	18	18	18	19	18	18	19	21	23	18	17	16	18	18	18	18	17	16	15	20	21	19	20	19	18
7	-	****	16	17	16	16	17	19	17	15	15	15	15	15	16	16	16	15	15	17	17	16	16	15	16
8	14	17	19	15	16	16	16	17	17	16	23	15	15	15	15	15	14	14	15	15	14	14	14	14	16
9	13	13	14	14	17	23	30	32	31	22	19	19	18	19	18	18	19	19	18	20	25	28	23	20	21
10	16	13	12	12	11	11	11	11	10	10	10	10	11	11	11	11	11	10	10	10	11	11	11	11	11
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	13	11
12	12	12	11	11	11	11	12	12	11	****	****	****	****	****	12	14	13	13	14	15	15	19	-	24	13
13	25	16	15	13	13	12	13	14	14	14	****	20	21	21	21	24	16	26	27	26	28	27	24	29	20
14	17	13	13	12	12	12	12	11	12	12	17	18	19	20	20	20	20	20	21	21	21	21	22	22	17
15	22	23	23	23	24	24	24	26	25	****	17	17	18	17	17	17	17	17	17	17	19	19	18	17	20
16	15	15	14	14	16	-	16	16	16	20	21	20	19	18	18	17	17	17	18	18	18	18	19	24	18
17	27	24	23	24	25	31	48	53	57	49	42	27	21	20	19	19	20	19	24	26	21	21	29	38	29
18	34	27	37	20	27	40	26	26	34	25	25	26	19	17	16	16	16	16	17	21	19	18	17	17	23
19	17	17	17	17	17	16	16	17	16	16	17	16	16	17	18	16	18	17	18	18	17	18	16	16	17
20	16	16	17	17	17	18	19	20	18	****	****	25	26	26	25	25	25	-	****	32	33	****	27	34	23
21	33	40	37	32	31	30	33	33	30	30	31	28	28	27	25	25	24	24	23	24	24	26	28	28	29
22	29	28	24	24	23	23	24	24	23	24	25	25	24	24	25	25	27	27	25	25	30	32	32	27	26
23	27	27	25	25	26	26	28	28	28	27	27	26	25	26	24	23	27	26	22	21	20	20	20	21	25
24	21	21	21	22	22	22	24	23	23	24	24	25	28	27	24	33	30	33	32	31	25	27	27	27	26
25	23	22	21	21	21	21	22	22	22	22	22	22	22	22	22	22	22	23	23	22	23	23	23	23	22
26	23	23	23	23	23	23	23	24	24	****	17	17	17	16	16	15	15	17	18	18	18	17	18	18	19
27	18	18	18	18	18	18	18	18	19	18	18	18	18	18	18	18	18	19	19	20	20	21	22	21	19
28	21	20	20	20	20	20	20	21	20	20	19	17	****	****	17	19	21	21	21	21	21	23	26	28	21
29	33	36	37	31	****	30	33	****	37	24	18	17	17	18	17	18	18	18	18	19	20	23	27	21	24
30	19	27	33	21	18	17	19	26	-	23	27	23	23	24	24	25	26	26	27	24	19	28	32	28	24
31	15	23	22	20	15	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	15	14	15
MEAN	20	20	20	19	18	20	20	21	22	20	20	19	19	19	18	19	19	19	19	20	20	20	21	21	19.8

PERCENTAGE OF DATA VALID - 94.6 PERCENTAGE OF DATA INVALID - 4.6 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	15	15	15	15	16	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	16	18	16
2	17	17	16	16	16	17	20	20	22	22	****	35	****	****	25	21	21	19	19	19	19	18	19	18	20
3	19	18	18	18	18	19	19	19	19	18	18	18	19	20	20	20	21	19	18	19	20	22	26	30	20
4	27	21	19	19	19	20	20	20	20	20	21	21	20	20	19	20	****	22	19	18	18	18	18	18	20
5	19	19	19	19	19	****	21	21	-	-	****	19	21	24	25	25	****	21	23	28	28	20	19	19	22
6	18	18	18	18	19	18	19	19	16	16	****	20	20	20	20	20	20	20	20	20	20	20	20	20	19
7	20	20	20	20	20	20	21	20	20	20	20	20	20	20	20	20	20	20	20	20	21	20	21	21	20
8	20	20	20	19	19	19	19	19	19	19	19	19	19	19	19	20	19	19	19	19	20	20	19	19	19
9	20	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	17
10	19	18	18	19	18	19	19	19	19	19	18	19	20	19	****	18	20	19	19	20	19	20	21	22	19
11	24	23	24	22	21	21	22	22	21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
12													- DATA INVALID -												
13													- DATA INVALID -												
14													- DATA INVALID -												
15													- DATA INVALID -												
16													- DATA INVALID -												
17													- DATA INVALID -												
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	14	11	11	9	9	9	9	9	10	9	******
19	12	17	17	16	17	26	31	26	****	20	19	19	15	16	****	****	****	18	18	18	20	19	24	28	20
20	27	37	32	33	31	35	31	26	26	40	27	23	18	15	14	16	13	13	15	15	15	15	16	17	23
21	17	16	15	16	15	16	17	18	19	21	25	25	20	27	26	26	25	21	21	38	33	23	17	14	21
22	13	14	13	13	13	13	14	14	14	14	14	14	14	14	15	15	15	15	16	22	26	34	22	40	17
23	47	42	46	48	28	28	28	26	27	32	36	19	20	23	20	19	18	19	20	19	17	18	19	20	27
24	19	32	33	26	26	37	30	22	21	28	26	****	28	23	20	****	24	24	28	26	24	20	19	19	25
25	20	20	20	21	22	****	20	24	23	21	24	22	26	21	22	21	23	24	28	30	34	36	28	24	24
26	20	17	17	18	19	31	20	20	23	20	21	19	18	17	17	17	17	16	17	17	17	16	16	17	19
27	17	17	16	16	15	15	15	15	15	16	16	16	17	17	17	17	18	17	17	18	18	19	20	22	17
28	24	23	21	20	19	18	18	18	19	19	19	18	18	18	18	19	18	18	18	18	19	19	20	19	19
29	20	20	19	20	21	20	28	30	21	20	19	19	19	19	19	19	21	22	22	23	24	23	23	22	21
30	21	21	21	21	22	23	24	24	22	20	20	20	20	19	17	17	17	17	17	17	17	16	16	16	19
MEAN	21	21	21	20	20	21	21	21	20	21	21	20	19	19	19	19	19	19	19	20	21	20	19	20	20.0

PERCENTAGE OF DATA VALID - 73.5 PERCENTAGE OF DATA INVALID - 26.3 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	16	17	17	17	17	17	17	16	16	16	17	17	16	17	17	17	17	18	19	22	19	19	17
2	20	20	22	21	20	20	21	22	18	****	27	14	14	15	14	14	14	15	15	16	15	15	14	15	17
3	15	15	16	16	15	16	17	17	17	19	29	22	21	14	14	14	14	15	13	13	13	14	14	14	16
4	14	14	15	14	14	14	15	15	14	14	14	14	14	15	15	15	-	14	15	15	16	16	16	15	15
5	15	14	14	14	18	17	19	17	15	15	15	15	15	15	15	15	15	16	17	17	17	18	17	16	16
6	17	17	17	17	17	17	18	19	23	26	21	22	21	20	18	18	17	16	16	16	16	15	16	16	18
7	16	15	16	****	17	17	18	19	22	****	****	21	17	16	16	15	14	14	13	16	14	14	15	15	16
8	19	16	17	16	16	18	19	22	23	22	22	18	17	18	18	19	17	17	16	18	20	28	32	39	20
9	27	25	22	30	35	36	43	32	18	16	18	19	18	18	19	18	18	24	24	27	31	23	35	42	26
10	48	46	34	40	27	29	43	23	23	30	28	25	22	21	16	17	19	27	16	20	16	16	20	20	26
11	17	16	17	17	18	20	23	30	28	29	25	19	16	17	19	20	15	18	17	15	15	15	15	16	19
12	16	16	15	16	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	16	17	16
13	18	19	20	20	20	21	22	22	22	27	21	19	17	17	17	17	17	16	19	23	25	21	26	30	21
14	22	26	30	33	35	42	36	29	20	****	****	17	16	14	13	13	14	14	14	15	14	14	18	17	21
15	19	22	29	24	18	17	17	18	16	16	****	17	16	17	16	15	14	14	14	14	15	14	14	14	17
16	15	18	22	22	20	22	18	17	16	16	16	17	16	16	17	18	17	16	17	17	18	20	23	29	18
17	-	25	30	****	45	35	33	33	23	19	18	19	18	18	17	17	16	16	20	19	19	18	17	16	22
18	18	18	17	21	19	20	21	30	30	25	22	24	19	17	16	16	16	19	17	18	19	18	20	18	20
19	17	18	17	17	17	18	19	19	21	****	19	20	18	16	19	18	15	15	15	16	18	19	22	28	18
20	19	17	16	15	14	14	14	14	14	14	14	14	15	14	15	15	16	16	17	15	17	21	24	20	16
21	****	20	14	13	13	13	13	13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
22	****	****	****	****	****	****	****	****	19	19	19	19	****	14	11	12	12	16	14	14	14	15	16	****	******
23	18	18	15	17	16	18	21	20	19	20	19	18	18	18	18	18	18	17	17	16	17	16	17	17	18
24	17	17	16	16	16	16	16	17	****	56	19	19	18	18	15	14	14	15	16	16	16	16	17	17	18
25	16	17	17	17	-	****	18	17	17	16	****	16	16	16	16	16	16	16	16	16	16	16	16	16	16
26	16	16	16	16	16	16	16	16	16	17	17	17	17	17	17	17	17	18	18	19	20	20	20	22	17
27	33	28	22	21	21	19	19	19	20	23	23	19	20	19	19	18	19	19	20	21	24	31	50	29	23
28	54	56	24	23	****	22	21	20	20	20	****	18	****	****	****	****	****	****	****	****	****	****	32	32	******
29	32	37	30	25	18	18	17	16	15	****	11	12	12	11	****	23	23	23	23	23	22	21	21	21	21
30	21	21	21	22	21	22	21	22	22	21	21	21	22	22	23	24	24	24	25	24	24	22	25	25	23
31	28	31	34	29	30	26	25	25	25	25	24	24	23	23	24	24	25	25	25	23	22	23	23	23	25
MEAN	22	22	20	20	20	21	21	21	20	21	20	18	17	17	17	17	17	18	17	18	18	19	21	21	19.3

PERCENTAGE OF DATA VALID - 92.5 PERCENTAGE OF DATA INVALID - 7.1 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	23	23	25	28	27	26	26	****	****	23	21	-	-	26	22	22	21	21	18	19	20	21	22	23
2	21	21	20	21	23	21	22	22	21	21	21	22	20	22	22	23	27	31	34	32	43	32	37	44	26
3	40	44	45	48	47	47	59	44	35	32	29	28	28	29	29	29	29	26	27	32	39	36	45	31	37
4	43	32	36	35	70	79	76	49	****	45	42	34	30	28	****	28	24	22	24	23	25	21	20	20	37
5	20	19	19	21	23	21	21	21	22	20	20	-	18	18	18	22	20	18	18	19	19	18	18	18	20
6	18	18	19	19	18	17	19	****	21	20	20	21	21	21	21	21	22	21	21	21	21	24	23	22	20
7	23	22	22	22	23	24	25	****	28	28	24	21	16	16	18	23	18	15	17	18	16	15	22	23	21
8	18	23	26	22	24	32	28	30	17	16	17	16	17	15	14	14	15	18	19	17	22	26	22	18	20
9	20	19	20	20	21	19	19	21	23	18	16	17	16	15	17	17	18	17	19	18	16	17	16	17	18
10	23	31	38	35	41	37	32	30	24	21	21	17	18	20	23	16	13	14	13	13	13	13	13	13	22
11	13	13	13	13	13	13	13	14	****	****	****	12	12	13	14	14	14	-	-	14	17	19	19	24	15
12	21	17	20	19	19	18	17	16	15	15	15	14	14	15	14	14	15	15	****	15	16	19	26	31	17
13	36	34	29	23	31	39	45	57	17	15	13	12	12	13	12	13	13	13	12	14	14	14	15	15	21
14	14	14	13	13	****	15	15	14	16	23	22	20	19	20	19	21	25	29	35	33	31	39	51	50	24
15	47	35	41	41	34	58	48	33	29	23	****	****	16	14	17	16	19	23	26	23	41	46	37	35	32
16	23	21	21	21	22	29	22	20	17	15	15	14	19	15	16	18	20	22	25	20	20	19	24	18	20
17	21	26	45	40	43	50	38	31	23	21	22	20	17	16	16	15	14	13	13	13	12	12	12	12	23
18	12	12	12	13	13	13	13	13	13	****	****	13	13	1	13	1	1	1	1	14	14	14	14	14	10
19	14	15	14	14	14	15	15	15	15	15	15	14	14	15	14	14	14	14	14	15	15	15	16	16	15
20	****	13	13	14	14	14	16	17	17	17	16	16	15	16	17	21	20	21	22	22	23	23	29	26	18
21	31	29	29	31	30	26	26	29	29	26	26	25	25	25	24	27	31	22	24	27	18	16	18	19	26
22	19	17	18	16	16	15	15	15	14	14	14	16	15	16	15	15	-	15	15	15	14	15	14	14	15
23	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
24	14	15	****	16	15	16	15	****	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	17	14
25	19	17	15	18	21	21	17	16	****	11	14	13	13	13	13	13	-	13	13	13	15	18	20	27	16
26	25	30	48	34	43	35	38	51	33	17	18	15	17	18	17	18	18	19	18	18	22	22	22	23	26
27	24	26	38	38	28	22	20	20	17	16	15	14	14	14	13	13	14	13	14	15	16	17	18	17	19
28	13	13	13	13	13	13	14	13	****	15	14	14	14	14	15	14	14	14	16	16	16	19	18	19	15
29	21	20	21	0	25	19	17	16	17	18	25	25	25	20	19	17	16	16	16	16	16	16	15	-	18
30	17	16	15	15	15	15	15	17	16	15	15	14	14	13	14	-	15	14	14	15	14	15	15	15	15
MEAN	22	22	24	22	26	26	25	25	20	19	19	18	17	17	17	17	18	18	19	19	20	20	22	22	20 6

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	15	15	15	15	14	15	15	15	15	19	16	17	16	16	15	15	15	11	11	11	10	9	9	14
2	9	9	10	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	11	12	19	32	25	23	12
3	29	32	41	36	21	21	16	16	14	13	****	****	13	13	13	13	13	13	13	14	13	13	16	14	18
4	16	14	14	14	15	15	18	16	13	13	12	13	13	12	12	12	12	12	12	12	12	12	12	12	13
5	12	12	12	12	12	13	14	13	13	13	13	****	****	****	****	****	14	14	16	14	15	17	27	23	15
6	27	21	20	18	19	18	19	17	15	13	13	13	15	****	14	15	15	15	16	16	19	30	22	29	18
7	34	40	48	70	77	67	59	61	35	37	23	21	20	19	18	19	18	18	17	21	21	33	22	25	34
8	42	45	57	51	47	36	40	30	28	28	21	19	19	19	19	18	18	17	17	19	25	28	29	21	29
9	20	18	16	16	17	16	19	20	****	20	23	18	****	16	16	****	****	****	****	****	****	****	****	****	******
10	****	****	****	****	****	****	****	****	16	15	14	-	15	15	17	****	16	16	17	17	23	24	24	21	******
11	24	32	31	28	30	37	36	37	39	23	21	28	18	20	16	16	17	17	20	17	22	20	21	22	25
12	25	24	22	43	45	28	28	26	23	17	15	14	14	14	14	14	13	13	14	15	18	23	29	33	22
13	21	19	23	21	18	20	19	17	18	16	****	15	16	15	16	15	15	15	15	15	16	18	19	21	18
14	24	30	36	30	32	28	25	24	25	24	19	18	19	20	21	21	24	22	19	19	33	41	27	20	25
15	18	19	22	17	18	19	18	17	17	17	17	19	17	17	17	17	15	15	16	18	20	26	32	34	19
16	23	23	18	17	16	15	15	15	15	15	15	****	****	12	13	14	13	13	13	13	13	13	14	15	15
17	13	13	13	12	12	12	13	13	13	14	14	13	13	13	13	****	****	****	****	****	****	****	****	****	******
18	****	****	****	****	****	****	****	****	****	13	13	13	13	14	13	13	13	14	13	14	16	18	21	24	******
19	19	19	23	24	46	30	36	29	18	16	14	14	14	13	13	14	14	14	14	20	22	28	24	35	21
20	45	31	23	22	22	23	22	22	21	19	18	16	16	16	15	15	16	16	16	17	26	28	39	60	24
21	****	26	27	31	29	26	63	75	54	29	22	19	19	18	19	19	20	19	21	26	19	19	32	39	29
22	29	26	23	26	22	25	-	29	22	23	20	19	18	16	17	30	17	16	22	20	26	30	22	22	23
23	****	19	18	19	19	19	21	38	****	****	****	13	14	14	11	11	11	9	12	7	8	11	8	8	15
24	8	9	13	28	13	14	26	18	18	14	12	8	8	9	8	9	11	11	14	15	20	13	8	6	13
25	5	10	18	13	9	8	11	15	****	27	24	30	20	23	22	22	20	27	25	23	14	23	18	15	18
26	10	9	8	8	6	6	6	6	6	6	7	7	6	6	10	****	6	6	12	8	8	11	13	14	8
27	15	24	21	24	29	23	15	12	11	12	11	13	12	-	11	12	11	15	10	****	11	12	13	13	15
28	10	11	10	10	13	14	31	13	13	12	-	11	11	10	10	10	10	10	10	-	12	13	16	20	13
29	23	21	42	61	22	25	23	14	12	11	10	-	10	11	11	10	11	11	12	12	15	15	15	21	18
30	-	20	28	24	22	17	22	34	15	12	10	10	11	10	11	11	11	12	12	13	13	13	17	27	16
31	19	16	12	12	20	44	42	38	24	19	****	19	50	51	30	23	20	20	20	19	19	19	19	19	25
MEAN	21	21	23	25	23	22	24	24	19	17	16	16	16	16	15	15	14	15	15	16	18	20	20	22	18.9

PERCENTAGE OF DATA VALID - 91.3 PERCENTAGE OF DATA INVALID - 7.8 PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	20	19	20	20	20	20	20	20	19	16	15	15	14	14	15	15	16	16	15	16	15	****	17
2	17	15	15	15	15	14	14	14	15	32	24	14	14	14	14	14	14	14	15	17	22	26	24	20	17
3	19	20	19	19	25	45	30	24	18	18	17	16	17	17	17	18	18	22	21	22	23	25	24	29	22
4	21	22	23	21	21	21	20	18	19	17	16	15	15	15	15	20	16	18	19	16	15	15	15	16	18
5	26	28	19	18	20	19	18	17	18	16	16	15	15	14	14	17	18	15	15	16	17	17	14	13	17
6	12	12	12	12	12	13	13	13	13	12	12	12	12	12	12	11	11	11	12	12	14	12	13	13	12
7	30	37	25	23	23	18	18	19	****	****	19	21	****	22	15	14	14	13	13	13	13	12	12	14	18
8	17	20	18	29	16	16	16	17	21	17	22	18	16	14	15	14	13	****	13	12	11	11	11	10	16
9	10	11	11	12	14	23	30	37	26	20	19	15	13	13	13	16	13	13	12	12	13	13	15	14	16
10	32	23	16	17	16	12	12	12	12	12	11	11	****	13	13	14	13	****	****	****	****	****	****	****	15
11	- DATA INVALID -																								
12	****	****	****	****	****	****	****	****	****	****	****	****	****	18	16	17	15	15	14	15	16	17	18	18	******
13	23	47	37	38	33	30	26	23	19	20	25	19	19	16	15	15	15	24	26	18	15	15	14	14	23
14	14	13	14	14	15	15	14	13	12	****	12	12	12	12	12	12	12	12	-	12	11	11	11	11	13
15	11	11	11	11	11	11	11	11	11	****	13	14	14	14	13	13	13	13	13	13	13	16	17	16	13
16	19	17	19	16	18	16	16	16	14	13	13	12	13	13	12	13	13	13	13	15	19	56	29	26	18
17	37	32	27	17	17	15	14	15	****	13	14	17	14	14	15	17	16	14	15	15	18	****	****	****	18
18	24	24	21	18	16	20	28	25	17	14	13	13	12	12	12	11	11	12	12	15	19	12	12	10	16
19	10	10	10	11	11	11	9	9	9	9	9	8	8	9	10	10	10	9	10	11	12	13	13	12	10
20	13	15	16	11	11	10	13	12	10	10	10	10	10	10	11	10	11	12	11	10	10	10	10	9	11
21	9	10	9	10	13	15	15	13	****	18	13	12	12	12	11	11	11	11	12	13	12	14	17	19	13
22	21	17	17	16	14	15	17	16	14	14	14	14	13	14	15	15	15	15	16	17	17	20	27	25	17
23	17	16	16	19	20	29	23	24	25	20	17	19	19	18	18	19	22	15	13	14	14	15	15	26	19
24	29	23	25	22	26	20	22	20	18	17	19	17	15	17	16	28	30	31	30	28	27	27	26	26	23
25	27	27	28	28	30	29	32	33	30	29	28	28	27	27	27	27	27	26	28	31	27	28	29	29	28
26	30	33	34	32	31	31	29	28	27	26	27	27	27	28	28	28	27	28	28	28	29	31	29	29	29
27	29	29	30	34	29	32	31	31	45	33	34	27	****	23	14	14	15	15	14	15	15	15	14	15	24
28	16	16	16	15	18	23	34	19	19	17	16	18	24	20	15	16	18	19	19	18	21	22	17	17	19
29	16	16	16	20	24	18	18	19	19	15	****	****	****	30	24	23	23	21	21	21	23	23	35	28	22
30	22	22	22	21	22	22	32	33	21	29	34	36	36	34	39	41	41	41	42	41	40	40	40	39	33
31	40	40	42	41	41	41	42	40	40	40	40	40	41	42	42	42	49	49	45	43	42	42	43	43	42
MEAN	21	22	20	20	20	21	21	20	20	19	19	18	17	18	17	18	18	18	19	18	19	21	20	20	19.3

PERCENTAGE OF DATA VALID - 91.7 PERCENTAGE OF DATA INVALID - 8.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	44	43	43	43	43	42	43	46	53	52	48	45	45	46	45	44	43	46	43	44	50	53	47	50	46
2	56	47	50	56	58	51	50	48	51	48	52	49	47	45	45	45	45	43	43	42	43	43	43	43	48
3	43	45	44	42	44	43	46	43	42	43	42	41	41	41	41	41	41	41	41	41	41	41	41	41	42
4	41	42	44	42	44	43	54	42	42	42	42	41	****	17	17	16	16	18	19	20	23	19	18	18	31
5	20	21	24	23	20	20	23	****	****	21	19	19	19	19	19	19	19	19	21	24	24	21	22	27	21
6	30	28	28	35	27	21	21	20	19	18	18	19	18	18	18	19	19	20	20	20	21	24	20	17	22
7	18	18	17	18	17	18	18	18	18	17	17	18	18	17	17	18	18	18	18	18	18	18	18	18	18
8	18	19	19	19	19	19	20	20	20	20	19	21	22	20	20	20	19	20	23	23	28	34	31	41	22
9	43	27	25	25	26	25	23	24	43	29	20	22	20	****	****	21	21	22	23	24	25	33	31	34	27
10	28	22	28	26	29	35	32	30	26	****	18	18	17	17	18	18	17	17	17	16	16	17	18	17	22
11	16	16	16	17	17	17	17	17	17	16	16	15	16	16	16	-	17	17	18	20	22	21	21	22	18
12	20	21	18	19	18	18	21	20	22	35	26	22	20	20	20	20	19	20	22	20	20	19	19	19	21
13	20	21	22	23	21	22	23	23	28	31	23	23	21	23	21	23	28	29	20	19	17	16	16	15	22
14	15	15	15	15	15	15	16	16	16	16	16	****	16	16	16	17	17	17	17	17	18	18	18	19	16
15	19	19	19	20	20	20	20	20	19	18	17	18	17	17	18	18	18	19	19	20	21	23	22	21	19
16	21	20	19	20	21	19	20	21	21	20	20	20	20	21	22	21	23	25	26	33	34	42	42	26	24
17	27	25	26	23	24	24	27	29	23	****	****	18	19	20	20	21	23	23	26	31	33	37	35	40	26
18	42	25	20	20	19	18	18	19	18	18	18	18	17	17	****	16	17	15	16	****	15	15	15	15	19
19	15	15	16	17	16	16	16	16	16	16	16	16	16	16	16	16	17	****	18	19	18	19	20	19	17
20	19	20	22	19	19	24	33	43	31	25	21	21	19	19	19	21	21	23	28	30	36	37	35	40	26
21	45	60	37	27	23	21	20	****	21	20	17	17	17	17	17	17	17	17	18	17	****	17	17	16	23
22	16	16	16	16	16	16	17	17	17	17	17	17	17	17	17	17	16	16	17	17	16	26	19	17	17
23	17	17	18	18	18	18	17	17	18	18	17	18	18	17	18	17	17	17	18	18	18	19	18	18	18
24	18	19	18	17	18	18	19	20	19	19	20	19	19	19	20	20	19	20	20	20	19	21	25	28	20
25	30	21	23	24	23	25	26	26	24	21	19	18	18	18	18	18	18	19	21	20	22	19	19	19	21
26	20	18	19	20	18	19	20	19	19	****	29	20	18	18	18	20	19	19	23	28	30	49	51	51	25
27	65	60	63	59	61	65	36	40	63	35	24	21	19	20	18	19	19	20	21	21	19	19	19	20	34
28	20	19	19	21	26	26	26	26	27	25	21	19	20	22	20	18	18	19	22	23	22	22	22	22	22
29	22	27	43	38	25	24	26	36	42	36	36	35	34	22	19	19	19	22	23	19	19	19	18	18	27
30	22	25	29	23	21	24	31	35	30	36	48	43	22	22	20	18	17	17	17	17	18	19	19	19	25
MEAN	28	26	27	26	26	26	26	27	28	26	25	24	22	21	21	21	21	22	23	23	24	26	25	26	24.6

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 2.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	22	23	20	18	19	21	20	17	18	18	18	18	17	19	20	20	20	20	20	20	20	19	19
2	19	19	19	18	19	20	20	20	19	20	20	20	****	****	22	23	23	24	26	24	22	23	22	23	21
3	24	22	21	23	22	22	24	23	21	20	20	20	19	19	19	19	20	19	20	21	20	20	20	20	21
4	20	20	20	21	21	21	26	28	25	24	25	22	22	23	21	22	22	22	21	23	23	25	24	26	23
5	29	25	22	31	22	24	26	26	22	21	21	21	21	21	21	20	20	21	23	24	22	21	20	20	23
6	20	21	23	21	21	24	23	25	27	24	23	24	24	28	23	22	24	22	23	23	21	22	22	21	23
7	20	20	20	20	20	20	21	20	20	20	20	20	20	20	21	20	20	20	20	21	20	21	21	22	20
8	22	-	22	24	24	25	26	26	34	33	28	23	23	22	22	22	23	23	26	27	33	26	36	28	26
9	25	23	20	20	19	19	20	20	21	20	-	****	20	20	20	20	20	20	21	20	23	24	22	22	21
10	22	22	-	22	-	****	27	26	28	30	23	25	24	****	16	17	17	17	17	19	20	20	20	22	22
11	22	23	23	29	34	26	25	23	23	20	21	21	21	21	****	21	20	20	21	21	20	20	24	19	23
12	20	19	19	19	19	18	19	18	18	19	18	18	18	17	16	16	16	16	16	16	16	16	16	16	17
13	16	17	16	16	16	17	17	17	17	16	16	17	17	17	17	17	17	17	17	18	18	18	17	18	17
14	18	18	19	19	20	20	20	20	20	19	18	18	18	18	18	18	18	18	19	19	19	19	20	22	19
15	23	22	20	19	19	19	20	-	20	20	20	20	19	18	18	17	17	20	26	28	24	20	21	21	20
16	20	22	24	23	25	25	30	39	25	23	21	-	26	20	****	20	21	23	22	22	21	23	24	20	24
17	19	20	21	21	26	24	22	-	-	22	21	21	21	22	20	21	20	18	17	18	17	17	18	17	20
18	19	23	20	20	23	20	20	20	19	19	18	18	18	18	18	18	18	18	19	19	17	17	16	16	19
19	17	17	17	18	18	20	20	22	22	****	****	24	24	24	30	-	-	26	20	31	31	33	32	32	24
20	36	31	37	34	32	28	28	25	25	24	24	24	22	20	21	23	21	23	27	29	29	27	28	23	27
21	30	30	29	28	27	27	26	26	27	23	20	21	19	19	20	26	29	29	34	30	31	31	33	34	27
22	27	25	23	22	23	24	25	24	23	24	24	22	20	20	19	19	18	20	21	20	20	19	19	19	22
23	19	18	18	19	18	18	18	18	18	19	18	18	18	18	18	19	19	20	19	19	19	19	19	19	19
24	19	19	19	19	20	19	19	20	20	20	20	****	****	17	17	17	17	17	17	17	17	-	17	17	18
25	17	17	17	17	18	17	18	19	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
26	18	18	18	18	18	18	19	20	18	17	17	18	-	-	17	17	18	17	18	18	18	18	20	28	18
27	29	29	24	21	21	21	20	21	22	23	21	20	19	20	20	20	23	23	24	23	21	22	22	33	23
28	22	20	19	18	17	17	17	17	17	17	17	17	17	17	16	16	16	16	17	19	17	17	17	17	17
29	17	18	17	19	19	19	18	19	20	18	18	****	15	16	16	17	17	17	20	22	20	19	19	18	18
30	18	18	17	17	18	16	18	19	17	17	17	17	17	17	17	17	17	18	18	18	18	17	17	17	17
31	17	17	17	17	17	17	17	18	19	19	19	13	****	25	25	26	26	25	24	24	23	24	23	23	21
MEAN	21	21	21	21	21	21	22	22	21	21	20	20	20	20	19	20	20	20	21	22	21	21	22	22	20.8

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	25	23	22	22	22	24	27	27	25	24	27	26	30	27	26	26	23	23	22	22	22	22	22	24
2	27	27	26	26	23	24	23	24	11	****	69	18	18	18	18	17	17	18	20	20	20	21	21	20	23
3	20	20	19	20	22	32	34	35	39	22	21	20	19	18	18	18	18	19	19	18	-	18	19	-	22
4	20	20	20	21	20	20	21	20	20	19	18	18	17	17	17	18	18	21	22	23	22	22	21	22	20
5	24	24	23	23	23	23	24	30	51	24	20	21	19	19	20	19	27	22	21	20	21	20	23	24	24
6	23	21	23	20	24	26	31	35	24	23	22	22	22	21	21	24	23	22	19	18	17	17	17	17	22
7	17	17	18	17	18	18	18	18	19	19	19	19	19	18	18	18	18	18	19	21	21	20	20	23	19
8	25	20	23	22	21	-	****	26	21	19	19	19	19	18	18	20	19	20	21	20	21	21	24	25	21
9	23	25	27	26	31	30	73	56	26	21	7	****	21	20	19	20	20	20	20	-	20	20	20	19	26
10	19	19	18	17	17	17	17	17	17	18	17	17	17	18	17	****	18	19	19	19	19	22	23	23	18
11	28	26	-	24	19	18	18	18	18	18	18	18	-	17	18	18	18	19	19	19	19	19	19	20	19
12	19	20	20	-	21	27	39	48	34	27	22	20	21	22	20	19	20	23	27	33	29	31	25	22	26
13	21	21	21	34	29	30	36	42	26	21	19	19	19	18	19	19	20	21	20	21	20	20	19	19	23
14	19	19	19	19	20	20	19	20	20	20	19	18	19	19	19	20	20	20	20	20	21	21	22	22	20
15	22	21	22	23	25	26	22	27	26	27	25	23	22	22	23	21	****	18	17	17	18	17	17	16	22
16	16	16	15	16	16	16	16	17	20	21	18	17	16	16	17	17	17	17	18	19	19	18	18	18	17
17	17	16	17	17	17	17	17	18	18	18	17	16	16	15	15	16	18	21	26	25	28	23	22	24	19
18	36	51	41	40	37	39	48	35	36	43	36	36	34	29	27	24	23	28	31	29	36	42	42	41	36
19	45	55	46	33	43	42	43	39	36	35	****	****	20	20	22	21	22	19	22	28	30	26	32	30	32
20	****	****	23	21	28	24	21	21	21	19	19	17	****	45	18	19	19	21	20	24	19	20	19	18	22
21	18	18	18	18	18	18	18	20	19	20	20	19	20	19	19	21	21	-	22	21	22	23	26	35	21
22	26	26	27	34	29	30	35	30	31	26	27	29	29	25	22	22	25	27	25	24	24	24	23	20	27
23	20	19	22	18	18	19	20	20	19	20	19	20	17	19	18	18	19	22	20	19	18	18	18	18	19
24	18	-	18	18	19	18	19	19	19	19	18	18	18	21	21	21	21	20	21	21	21	****	23	24	20
25	22	21	21	24	23	23	22	23	25	24	22	20	19	20	19	20	20	20	20	19	19	19	19	18	21
26	18	18	18	17	18	17	18	20	22	24	23	22	18	17	17	16	17	17	17	17	17	17	18	18	18
27	19	19	19	19	19	19	18	19	19	19	19	20	20	19	7	41	21	21	27	19	18	18	17	18	20
28	17	17	16	16	16	16	17	17	18	17	17	17	17	17	16	17	17	17	17	17	17	17	17	17	17
29	17	17	18	18	18	17	18	18	18	18	18	17	17	17	17	****	-	****	****	18	18	18	18	17	18
30	17	17	17	16	17	17	17	17	17	17	17	19	17	17	18	18	18	18	18	18	18	18	19	19	18
MEAN	22	23	22	22	22	23	26	26	24	22	22	20	20	20	19	20	20	20	21	21	21	21	21	22	21.7

PERCENTAGE OF DATA VALID - 96.7 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	19	19	18	19	20	21	20	20	19	18	19	18	19	****	20	19	18	20	21	23	21	19	19
2	22	19	17	17	17	17	17	17	17	17	17	17	17	18	18	19	19	21	21	21	19	19	21	23	19
3	23	23	22	21	20	20	20	21	20	20	21	22	25	27	25	25	****	25	18	18	18	18	18	18	21
4	18	18	18	18	19	19	20	21	23	21	20	19	19	18	17	18	19	20	19	20	33	27	28	31	21
5	23	21	20	20	22	26	25	26	28	29	28	23	17	17	****	20	20	26	26	21	20	20	20	21	23
6	21	22	23	20	19	19	19	19	19	19	19	19	19	19	19	21	20	23	23	22	22	21	21	21	20
7	23	22	27	27	22	22	21	21	21	23	23	****	27	26	26	25	21	17	18	18	18	18	17	17	22
8	17	17	17	18	18	18	18	18	18	18	18	18	18	19	19	19	19	20	****	20	20	20	20	20	19
9	20	20	20	22	21	21	23	29	25	27	27	27	21	19	19	19	20	22	21	21	22	22	22	24	22
10	24	23	26	25	30	30	37	31	26	26	23	22	19	15	22	23	27	26	28	27	27	27	27	28	26
11	28	32	31	29	28	30	30	32	32	32	34	33	28	30	28	29	25	26	27	29	25	25	25	28	29
12	25	26	23	18	18	17	17	17	18	17	18	17	18	18	18	18	18	18	18	19	19	18	18	18	19
13	18	19	18	18	18	18	18	20	20	21	20	18	18	18	18	18	18	19	19	21	21	21	19	19	19
14	20	21	20	19	19	19	20	22	22	21	****	****	17	****	17	****	18	19	20	20	20	20	18	24	20
15	29	30	22	21	23	22	21	21	21	21	22	22	21	23	23	23	24	21	25	26	27	25	26	25	24
16	20	18	18	18	18	18	19	20	21	20	20	17	16	16	16	16	16	16	16	16	17	17	17	17	18
17	17	17	17	18	18	20	20	20	19	19	18	18	18	18	17	17	18	18	19	18	18	18	18	18	18
18	19	20	19	19	19	20	20	21	21	20	19	19	17	17	17	17	19	21	19	18	19	19	19	18	19
19	18	17	17	17	17	17	18	19	18	18	18	18	****	22	20	20	22	22	21	22	21	20	20	20	19
20	20	20	19	20	20	20	20	21	21	21	21	22	22	21	22	22	23	23	25	27	26	24	24	27	22
21	25	24	23	23	22	24	24	25	29	26	25	22	22	22	23	23	23	23	24	23	21	21	22	22	23
22	23	23	23	23	23	24	24	24	24	27	30	30	28	28	28	26	23	24	22	20	20	22	23	21	24
23	23	25	24	24	24	22	27	29	28	24	26	23	23	26	24	25	26	33	24	25	23	23	23	22	25
24	20	19	18	17	17	17	17	17	17	17	18	18	19	19	19	20	20	18	18	18	17	17	18	18	18
25	19	19	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
26	17	17	17	17	17	18	18	18	18	19	18	18	19	18	19	19	19	19	19	18	19	20	20	19	18
27	19	19	19	18	18	18	18	18	18	19	18	18	18	18	18	18	19	19	19	21	20	22	21	20	19
28	20	20	19	19	18	18	18	19	16	****	****	18	17	18	18	18	19	19	19	18	18	17	17	17	18
29	17	18	18	20	20	20	20	20	20	20	19	19	18	18	18	18	19	20	19	20	18	17	18	18	19
30	18	18	17	19	19	18	18	19	18	17	17	16	19	17	18	19	19	18	17	17	16	19	19	20	18
31	20	18	17	18	19	18	21	21	21	22	23	19	20	19	17	18	19	16	18	18	18	19	18	-	19
MEAN	21	21	20	20	20	20	21	21	21	21	21	20	20	20	20	20	20	21	21	21	21	21	20	21	20.6

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	15.0	20	26
FEB	25	17.3	28	59
MAR	30	19.8	29	57
APR	22	20.0	27	48
MAY	28	19.3	26	56
JUN	30	20.6	37	79
JUL	27	18.9	34	77
AUG	29	19.3	42	56
SEP	30	24.6	48	65
OCT	31	20.8	27	39
NOV	30	21.7	36	73
DEC	31	20.6	29	37
YEAR	344	19.9	48	79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	29	648	35	0	0	0	0	0	712
FEB	7	476	83	21	0	0	0	0	587
MAR	7	390	269	38	0	0	0	0	704
APR	7	284	213	25	0	0	0	0	529
MAY	0	466	188	34	0	0	0	0	688
JUN	6	396	206	80	3	0	0	0	691
JUL	74	377	168	53	7	0	0	0	679
AUG	36	411	164	71	0	0	0	0	682
SEP	0	317	244	138	5	0	0	0	704
OCT	0	302	393	23	0	0	0	0	718
NOV	2	328	312	52	2	0	0	0	696
DEC	0	369	350	12	0	0	0	0	731
YEAR	168	4764	2625	547	17	0	0	0	8121

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
92.7	0	12.9	15.9	17.9	20.3	27.2	33.2	42.3	47.1	79	19.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14901 RIVERSIDE BLVD.MOBILE STATION, CORUNNA MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6	-	-	-	-	-	-	-	-	-	-	-	-	****	****	****	****	****	18	19	19	20	20	19	20	******
7	21	21	21	21	21	21	21	21	22	25	26	25	25	25	23	24	22	22	27	26	22	20	19	20	23
8	19	18	18	18	19	20	23	20	21	25	19	****	20	21	18	18	18	18	19	19	18	18	18	18	19
9	18	18	18	18	18	18	18	19	18	18	18	19	18	18	18	17	18	18	18	18	22	22	22	20	19
10	20	20	20	20	20	20	21	18	17	17	17	17	17	18	18	18	18	18	19	19	21	24	25	19	19
11	24	20	22	19	18	18	18	18	18	18	18	18	17	17	17	17	17	18	18	18	19	19	19	19	19
12	18	18	18	18	18	18	18	19	20	18	18	19	19	19	21	22	23	24	22	22	21	18	18	19	20
13	19	19	20	21	20	18	18	19	19	24	20	****	18	18	18	17	17	18	27	26	23	26	40	20	21
14	18	19	19	17	17	17	17	17	17	18	18	17	17	17	17	17	17	17	17	17	17	17	18	19	17
15	17	18	18	18	18	18	19	19	19	20	21	22	20	17	17	17	17	17	17	17	18	18	18	18	18
16	19	20	19	18	18	17	19	20	20	21	20	18	19	20	19	18	17	19	18	17	17	18	18	20	19
17	19	19	18	17	18	18	19	19	19	17	17	17	17	17	17	17	18	18	18	18	18	19	18	18	18
18	19	22	23	21	29	27	32	24	34	27	19	16	18	18	19	18	18	18	19	18	18	18	18	18	21
19	18	18	19	19	21	22	23	28	31	29	25	20	18	21	18	18	23	22	20	21	21	21	21	22	22
20	22	22	22	22	22	22	22	22	23	23	23	23	22	22	20	20	20	19	19	20	21	21	21	20	21
21	20	20	21	21	21	22	22	21	20	19	19	19	20	20	20	20	21	21	21	21	21	20	22	22	21
22	24	21	20	21	25	20	23	27	23	21	22	****	****	****	20	20	20	22	22	22	22	22	22	22	22
23	21	21	21	21	21	21	22	22	22	22	22	23	24	22	22	22	23	23	24	25	25	24	22	23	22
24	28	23	26	21	21	20	21	22	22	24	22	20	21	21	24	25	26	22	22	22	23	22	22	22	23
25	24	22	22	21	21	22	23	23	23	23	23	23	23	24	24	23	23	22	23	23	24	23	22	24	23
26	24	25	24	23	25	23	23	22	25	26	25	24	23	22	23	23	24	23	24	24	22	21	18	20	23
27	21	21	22	20	18	18	18	18	19	18	20	17	19	18	18	17	17	18	19	22	23	25	23	23	20
28	26	27	26	26	27	28	30	36	37	33	28	****	23	20	20	20	22	20	22	21	23	27	22	22	25
MEAN	21	21	21	20	21	20	21	22	22	22	21	20	20	20	20	19	20	20	21	21	21	21	21	20	20.6

PERCENTAGE OF DATA VALID - 78.7 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 19.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14901 RIVERSIDE BLVD.MOBILE STATION, CORUNNA MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	21	21	21	21	21	22	21	22	22	21	23	22	22	22	23	25	23	23	22	22	20	19	19	22
2	19	18	18	18	18	18	19	22	19	19	22	19	19	19	19	19	20	20	20	22	22	20	19	21	20
3	20	21	21	21	22	22	21	22	22	22	23	23	22	22	22	21	21	21	21	22	22	21	20	21	22
4	21	20	20	19	19	21	20	20	21	20	19	19	19	19	19	19	19	19	18	19	19	19	20	21	20
5	22	20	20	20	20	20	20	20	19	20	20	20	21	21	20	21	21	21	21	20	20	20	20	19	20
6	20	20	19	19	19	19	19	19	20	20	19	19	19	18	19	18	18	27	19	19	20	19	19	19	19
7	19	19	19	18	19	19	19	20	21	19	19	19	18	18	18	17	17	17	20	24	22	19	23	24	19
8	19	22	21	24	25	25	23	21	21	19	19	19	18	19	22	28	25	27	33	37	42	38	25	19	25
9	19	18	24	26	24	24	25	22	20	20	20	20	20	20	19	20	21	21	20	20	20	20	21	22	21
10	22	21	20	18	18	18	18	18	18	18	18	18	18	18	18	20	19	18	19	17	18	18	18	18	19
11	19	19	19	20	19	18	18	18	18	18	18	19	19	18	18	18	19	18	19	19	19	19	19	19	19
12	20	19	17	17	17	23	26	25	21	17	17	18	20	18	19	18	18	18	17	18	18	18	18	19	19
13	20	18	18	18	18	19	19	19	19	19	19	19	19	19	19	19	20	19	19	19	19	18	19	19	19
14	19	19	18	18	18	18	24	28	22	21	19	19	20	18	18	22	21	17	17	17	17	14	14	14	19
15	17	17	18	18	18	23	27	21	18	18	18	18	18	21	21	19	19	21	27	32	19	19	19	19	20
16	19	19	19	21	21	20	21	21	21	21	21	18	19	19	18	****	18	18	18	19	19	21	22	26	20
17	25	25	25	24	24	24	24	24	23	22	22	21	19	17	18	18	18	18	18	20	18	19	19	19	21
18	21	21	20	21	22	22	21	23	21	23	22	20	19	18	18	18	18	18	18	18	18	19	19	19	20
19	19	19	19	19	19	18	18	18	18	18	18	17	18	18	17	17	18	17	18	19	18	17	17	18	18
20	19	18	18	18	18	18	22	19	18	18	18	18	19	18	17	17	17	17	17	18	21	20	22	22	19
21	22	24	24	25	26	27	25	25	30	31	21	20	19	19	18	30	32	34	35	33	25	23	23	22	26
22	26	33	45	34	26	46	48	40	51	47	31	21	19	18	21	19	17	17	18	54	72	38	19	20	33
23	20	19	19	19	19	19	19	21	21	21	21	21	20	19	19	19	19	18	18	18	19	18	18	18	19
24	19	18	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	20	20	19	24	25	19	20
25	20	19	19	19	19	21	22	19	19	19	19	35	26	23	19	20	21	19	19	19	18	19	19	19	20
26	18	19	19	19	20	24	20	20	20	22	23	23	23	21	22	19	21	21	19	18	18	21	27	18	21
27	18	18	18	18	18	18	19	19	20	19	18	18	18	18	18	18	19	18	19	18	21	19	19	19	19
28	19	20	21	20	20	21	20	20	21	19	19	19	19	19	19	20	20	20	20	19	19	20	20	19	20
29	20	20	20	22	22	22	21	21	32	33	28	28	28	23	20	20	23	25	25	20	21	23	19	18	23
30	18	18	18	19	19	19	19	18	18	18	18	18	19	19	19	18	18	18	18	18	18	18	18	19	18
31	18	19	19	19	19	20	20	20	20	19	19	19	18	19	22	23	27	26	23	23	22	24	23	22	21
MEAN	20	20	20	20	20	21	22	21	22	21	20	20	20	19	19	20	20	20	21	22	22	21	20	20	20.6

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14901 RIVERSIDE BLVD.MOBILE STATION, CORUNNA MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	23	23	24	23	23	19	19	18	19	19	18	18	19	19	21	21	20	19	19	19	19	19	19	20
2	19	21	19	19	19	19	19	20	20	20	20	21	21	21	22	21	19	19	19	19	19	18	20	18	20
3	18	19	24	20	21	26	19	29	19	18	18	18	20	19	20	18	18	17	17	18	18	19	20	23	20
4	32	27	24	22	20	20	20	20	19	19	20	19	19	19	19	19	19	21	22	24	24	19	19	18	21
5	18	22	22	25	26	28	19	19	19	19	18	****	****	20	19	19	19	19	19	19	19	19	20	18	20
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19	-	-	-	-	-	-	-	-	-	-	-	-	19	19	19	20	19	17	17	18	24	24	25	27	******
20	27	29	30	48	50	50	41	38	21	20	19	18	18	18	18	17	17	17	17	17	17	17	17	17	25
21	18	18	18	19	20	19	19	19	20	20	21	19	19	19	19	20	20	21	20	20	20	22	27	25	20
22	24	22	22	25	22	22	28	29	22	21	20	18	21	20	19	18	15	15	15	15	16	16	18	18	20
23	19	19	19	19	19	19	20	24	28	24	23	20	19	19	18	17	16	16	16	16	18	32	34	27	21
24	30	32	27	27	27	26	26	23	20	19	21	21	21	21	****	****	20	19	18	19	22	22	22	21	23
25	19	20	20	19	19	19	19	20	20	20	21	21	21	19	19	19	19	19	19	20	20	19	19	19	20
26	19	19	19	20	19	18	19	19	20	19	18	18	18	18	18	18	20	20	19	20	21	25	27	26	20
27	25	23	20	18	18	18	18	18	19	20	22	22	21	22	22	22	24	22	19	18	18	19	22	21	20
28	20	21	22	21	20	19	19	19	18	18	18	19	23	22	20	22	22	22	21	20	21	23	23	23	21
29	21	19	20	22	20	19	18	19	19	19	19	19	19	19	19	19	19	19	19	20	19	19	19	19	19
30	19	19	19	19	19	20	20	21	21	20	20	19	19	19	19	18	18	18	18	18	18	19	17	24	19
MEAN	22	22	22	23	23	23	21	22	20	20	20	19	20	20	19	19	19	19	18	19	20	21	22	21	20.5

PERCENTAGE OF DATA VALID - 54.4 PERCENTAGE OF DATA INVALID - 22.2 PERCENTAGE OF DATA UNAVAILABLE - 23.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14901 RIVERSIDE BLVD.MOBILE STATION, CORUNNA MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	25	23	21	27	21	30	25	18	17	17	17	18	19	19	20	19	18	19	18	18	18	17	17	20
2	19	20	20	21	21	20	19	19	18	18	18	18	18	18	18	18	18	18	18	18	17	18	18	18	19
3	-	-	-	-	-	-	-	-	-	-	-	22	21	20	19	19	19	19	20	20	21	28	21	19	******
4	18	18	19	19	19	19	19	19	19	18	18	18	18	18	20	20	19	19	18	18	17	16	18	18	18
5	19	19	21	21	21	23	22	23	19	19	19	20	19	19	19	18	19	19	19	19	18	21	19	18	20
6	18	18	18	18	19	19	19	20	21	21	21	21	21	20	20	20	19	18	18	18	18	19	20	18	19
7	19	19	19	19	19	20	20	21	20	20	19	19	18	18	17	17	17	17	17	18	18	19	19	20	19
8	19	19	19	20	20	19	19	19	19	19	****	****	20	20	19	19	18	18	19	18	18	18	18	18	19
9	18	19	19	19	19	20	20	21	22	22	21	20	20	22	18	18	17	17	18	18	18	19	19	19	19
10	19	19	18	19	19	20	21	25	24	24	21	19	19	20	19	18	18	17	17	18	18	17	17	17	19
11	18	18	19	19	22	20	20	21	21	20	19	18	17	17	18	17	18	18	19	18	20	18	19	21	19
12	21	19	18	21	20	18	18	21	23	26	27	26	24	23	23	22	22	36	22	21	20	18	20	20	22
13	19	18	19	18	19	20	21	21	20	19	22	19	19	19	19	19	19	19	19	19	19	19	19	19	19
14	19	19	19	20	21	21	21	21	20	20	20	20	19	18	17	17	17	19	22	19	18	18	17	18	19
15	19	19	18	19	19	20	20	21	20	19	18	18	22	22	20	21	22	23	27	24	21	22	26	27	21
16	21	22	22	20	21	25	27	24	19	****	18	19	20	21	20	20	18	18	19	18	18	20	19	20	20
17	21	21	20	21	21	21	23	21	20	19	19	19	19	18	18	18	18	17	17	17	17	17	18	18	19
18	18	18	18	19	18	18	20	21	21	20	19	19	18	18	18	18	18	17	17	17	19	20	20	19	19
19	21	21	19	21	19	19	19	20	20	20	20	20	18	18	18	17	17	17	17	17	18	18	18	18	19
20	20	19	18	18	22	24	18	19	24	27	21	23	22	19	19	26	23	23	20	22	23	29	26	19	22
21	18	19	22	18	18	18	18	18	18	17	17	17	18	19	18	20	18	19	20	19	24	19	23	27	19
22	21	20	21	26	25	26	34	26	20	17	17	17	17	17	17	17	17	17	18	18	19	19	19	20	20
23	22	23	22	21	19	18	21	19	19	****	****	18	25	25	24	30	29	28	25	26	26	25	20	21	23
24	26	25	24	24	25	27	29	25	25	24	24	22	25	24	18	18	24	26	24	25	24	26	24	20	24
25	24	25	18	21	24	21	21	26	25	25	23	19	20	23	24	23	20	23	22	23	23	23	22	23	23
26	22	22	25	22	20	19	19	18	18	18	18	18	18	18	19	21	21	19	19	19	19	19	20	20	20
27	18	18	20	19	20	19	19	20	19	20	21	21	19	19	18	18	18	18	19	20	19	20	20	19	19
28	19	20	23	23	22	22	21	19	19	19	18	18	23	23	20	20	21	26	21	22	25	22	22	21	21
29	23	24	24	25	24	25	24	23	21	18	****	21	18	27	27	22	20	22	18	19	19	20	20	20	22
30	20	19	23	21	27	44	23	33	29	20	18	22	28	26	31	26	19	18	18	18	19	26	27	23	24
31	23	24	21	18	19	18	18	18	18	17	17	17	17	17	17	17	17	18	18	18	27	25	26	44	20
MEAN	20	20	20	20	21	21	21	22	21	20	20	20	20	20	20	20	19	20	19	19	20	21	20	21	20.2

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14901 RIVERSIDE BLVD.MOBILE STATION, CORUNNA MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	55	29	23	23	31	28	28	26	24	21	21	21	21	23	20	19	19	18	19	23	28	27	26	22	25
2	24	20	18	21	23	21	20	26	18	19	19	18	19	20	20	20	21	21	20	19	19	19	21	21	20
3	20	20	20	21	22	23	23	24	22	22	22	20	21	19	19	19	18	18	19	19	19	19	20	20	20
4	22	23	23	26	23	24	27	35	34	29	29	26	23	23	22	21	19	18	18	18	19	19	21	20	23
5	26	28	27	27	24	23	21	22	23	21	25	23	21	21	21	22	21	21	22	24	25	21	27	30	24
6	32	29	29	18	18	18	19	19	18	18	18	18	18	18	18	18	23	19	22	20	20	20	19	19	20
7	20	19	19	19	19	19	20	21	21	21	21	19	18	****	19	18	18	18	18	18	18	19	18	18	19
8	18	18	18	20	20	20	20	20	20	19	19	20	21	20	20	19	18	18	18	18	18	19	19	19	19
9	19	18	18	18	18	18	19	31	20	18	18	19	20	19	19	20	19	19	18	18	19	19	19	19	19
10	19	19	19	19	19	19	19	19	19	20	19	19	19	18	18	18	18	18	18	18	18	18	18	18	19
11	17	17	17	17	17	17	17	19	22	20	20	20	20	22	18	17	19	19	19	27	18	18	19	18	19
12	19	22	21	23	24	23	25	27	19	24	20	19	18	19	18	17	17	17	18	18	18	19	19	19	20
13	20	22	23	24	25	25	27	23	23	18	****	19	****	19	18	18	18	18	18	18	18	18	18	18	20
14	18	18	19	21	19	23	19	20	20	20	20	21	20	19	19	19	18	18	18	18	18	18	18	18	19
15	19	19	19	19	19	19	19	20	21	20	19	20	19	19	19	19	18	18	18	18	19	19	22	25	19
16	21	21	20	19	20	21	20	19	18	17	17	18	19	19	18	18	17	17	17	17	16	17	17	17	18
17	18	19	19	19	19	19	19	21	28	20	19	18	19	19	19	18	18	17	21	20	20	16	17	17	19
18	18	18	22	18	17	18	19	18	19	20	19	20	20	20	22	20	20	21	22	22	23	25	32	34	21
19	21	20	21	22	34	46	31	20	22	20	16	16	16	16	16	16	16	16	16	16	17	19	18	18	20
20	18	18	18	18	18	18	19	19	18	18	17	17	17	17	18	18	18	18	18	18	18	17	17	21	18
21	17	17	17	17	17	17	17	17	17	18	18	17	17	17	17	18	17	17	17	17	18	29	25	23	18
22	18	18	18	18	22	19	18	22	18	17	****	****	27	25	21	19	19	20	27	22	20	32	19	18	21
23	18	18	18	18	18	18	18	18	18	18	19	19	19	19	19	19	21	22	22	23	19	19	21	23	19
24	25	20	19	19	19	19	19	21	23	21	20	20	20	21	21	22	22	22	22	19	19	24	24	27	21
25	24	24	21	20	20	21	23	31	27	19	18	18	19	21	21	21	21	22	20	19	19	19	19	20	21
26	19	19	21	20	22	27	29	24	20	20	19	19	21	21	20	20	20	19	19	19	19	19	19	19	21
27	20	20	20	20	21	24	23	23	21	21	21	21	21	20	21	19	20	19	21	18	18	19	18	21	20
28	24	23	24	27	25	26	31	34	24	24	23	22	25	22	19	****	21	19	18	21	21	21	20	19	23
29	20	22	22	21	21	20	21	19	19	19	19	19	18	18	18	18	18	17	17	17	17	18	18	18	19
30	18	18	19	18	19	18	18	18	17	17	17	16	17	17	17	17	17	17	18	22	20	18	18	19	18
MEAN	22	21	20	20	21	22	22	23	21	20	20	19	20	20	19	19	19	19	19	19	19	20	20	21	20.2

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14901 RIVERSIDE BLVD.MOBILE STATION, CORUNNA MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	18	19	18	18	18	18	18	18	18	17	18	18	18	18	19	22	30	20	18	17	17	17	19
2	17	17	17	17	17	17	17	17	17	17	17	17	17	18	21	22	23	27	28	31	33	27	24	40	21
3	32	33	29	25	24	24	23	21	20	18	17	18	18	18	24	31	23	26	29	22	21	20	19	18	23
4	18	18	19	19	18	21	20	23	21	19	20	20	19	18	21	21	22	22	22	21	18	18	19	19	20
5	20	24	23	21	18	18	18	18	17	19	20	21	****	-	22	23	23	22	24	29	30	25	24	23	22
6	22	23	20	20	23	22	20	23	20	17	16	16	18	18	18	18	21	22	21	32	21	27	25	26	21
7	29	28	29	26	28	32	31	28	20	20	19	19	19	21	21	20	18	18	18	18	18	18	19	20	22
8	20	19	20	20	21	22	22	22	22	21	19	20	19	20	20	20	19	19	18	18	21	21	20	21	20
9	19	19	19	18	18	19	19	19	20	21	20	18	19	18	18	19	19	19	19	19	19	18	18	18	19
10	19	20	20	19	18	18	18	18	18	18	18	18	18	****	18	18	18	30	22	22	21	23	40	21	21
11	23	26	28	26	26	26	27	25	24	21	20	19	22	23	21	20	18	18	19	19	19	18	18	18	22
12	20	23	22	22	23	24	24	25	23	21	20	20	20	21	20	19	18	18	18	18	19	18	18	21	21
13	28	27	25	27	27	28	29	31	28	23	22	23	30	31	32	33	24	25	30	28	24	21	35	24	27
14	26	24	23	23	23	25	28	25	23	21	22	21	19	19	19	18	18	18	18	18	19	19	20	19	21
15	22	20	19	19	19	19	19	19	19	19	19	19	18	18	18	18	18	18	18	19	20	19	18	19	19
16	19	21	22	19	19	19	23	25	22	21	22	21	20	22	21	21	21	20	22	23	25	23	21	23	21
17	23	24	21	18	18	19	19	21	23	25	22	20	20	22	21	22	21	22	21	23	24	20	18	18	21
18	18	18	18	18	18	19	19	18	18	23	21	19	19	****	19	20	20	18	18	17	21	19	18	19	19
19	19	19	18	21	22	23	22	24	23	19	18	17	18	18	18	18	18	17	17	18	18	18	18	18	19
20	19	19	20	21	21	24	25	21	21	21	22	21	18	18	18	18	18	19	19	18	19	19	19	20	20
21	21	21	22	21	24	24	32	25	22	23	20	19	18	18	18	19	19	17	17	18	18	18	18	19	20
22	20	21	22	21	21	21	22	22	22	23	21	19	18	18	17	18	17	17	17	18	18	19	19	19	20
23	22	22	21	22	22	22	22	22	22	21	21	20	18	18	18	17	16	16	16	16	17	17	17	16	19
24	17	17	18	18	18	18	19	19	19	19	18	18	17	16	16	16	16	16	17	16	16	16	16	16	17
25	17	17	17	18	18	18	17	16	16	16	16	16	17	****	****	19	18	18	18	19	19	19	20	20	18
26	20	19	19	18	18	18	18	18	18	18	18	21	23	21	22	25	25	21	19	19	19	19	20	21	20
27	19	19	21	24	29	27	28	25	18	18	18	18	19	19	19	19	19	19	19	19	19	19	19	19	21
28	19	19	19	21	20	19	20	23	22	21	19	20	27	28	22	20	19	19	19	19	23	21	21	21	21
29	21	21	20	21	22	23	25	23	19	23	22	20	21	20	20	20	21	19	19	19	19	22	26	22	21
30	21	21	20	19	21	24	25	22	19	18	18	18	18	18	18	18	19	19	19	20	19	19	19	19	20
31	19	19	18	18	19	19	20	21	21	21	22	22	18	18	****	20	20	22	23	24	25	25	24	25	21
MEAN	21	21	21	21	21	22	22	22	20	20	20	19	19	20	20	20	20	20	20	21	21	20	21	21	20.5

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14901 RIVERSIDE BLVD.MOBILE STATION, CORUNNA MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	27	28	22	19	18	19	21	28	26	27	25	24	26	27	23	24	22	19	18	28	34	18	18	24
2	19	18	18	18	18	18	18	18	26	22	20	19	21	21	19	18	18	18	18	18	20	21	22	22	20
3	21	21	22	25	25	25	26	24	22	20	20	20	20	19	18	18	18	18	21	19	31	21	21	21	22
4	22	22	23	23	23	22	22	23	22	19	19	18	19	18	19	19	18	19	19	20	19	19	19	22	20
5	22	20	21	21	21	21	21	21	22	19	18	18	19	19	18	18	18	18	18	19	20	20	30	26	20
6	24	23	23	24	20	18	18	18	17	17	18	19	22	21	20	20	20	21	22	30	25	30	23	22	21
7	20	21	22	22	22	20	20	21	19	19	19	19	20	20	19	18	18	18	18	20	26	29	35	34	22
8	24	24	23	23	23	23	23	23	24	****	28	26	30	25	21	21	23	36	31	28	29	26	22	24	25
9	22	19	18	18	20	21	27	22	20	19	19	18	18	18	19	19	19	18	18	18	18	18	18	19	19
10	20	21	21	19	19	18	18	18	18	21	22	18	22	19	19	19	26	21	19	21	23	28	24	27	21
11	25	27	27	26	24	22	21	19	18	18	19	22	19	21	20	20	21	23	25	27	31	31	23	19	23
12	22	19	18	17	23	25	22	19	18	17	17	18	19	20	19	20	21	22	18	18	18	19	19	19	19
13	20	19	19	19	19	19	21	27	27	25	23	20	20	19	19	19	19	19	19	19	19	19	19	18	20
14	18	18	18	18	18	18	23	22	19	19	21	22	21	20	19	20	17	17	17	18	18	17	17	17	19
15	18	18	18	17	17	17	18	18	17	17	17	17	****	****	19	19	21	22	24	21	18	18	18	18	19
16	18	18	18	18	18	19	19	18	18	18	18	18	18	18	18	18	19	18	18	18	19	19	19	18	18
17	18	18	19	20	21	21	27	19	19	19	19	19	19	18	18	18	18	18	18	18	18	18	18	18	19
18	18	18	18	19	19	18	18	18	20	20	20	20	19	18	19	21	20	18	18	18	19	21	32	24	20
19	20	20	18	18	18	18	19	19	18	18	18	20	23	19	22	23	22	18	18	18	19	19	19	20	19
20	19	20	28	31	24	29	34	24	24	21	19	18	18	18	18	18	18	18	20	20	19	18	21	18	21
21	18	16	17	17	17	22	22	18	19	17	16	17	22	25	27	26	24	26	24	20	21	21	23	24	21
22	52	49	24	21	22	20	19	19	19	18	18	18	17	17	18	18	18	18	18	18	18	19	19	19	22
23	18	18	18	19	19	19	19	19	19	20	20	18	20	19	19	18	18	17	17	17	17	17	17	18	18
24	18	18	17	17	18	18	18	18	18	19	18	19	19	20	18	17	18	18	19	18	18	17	17	18	18
25	18	18	19	19	19	22	21	22	22	21	19	19	18	20	18	18	19	23	22	18	18	19	19	21	20
26	20	20	21	21	22	23	22	21	21	21	19	19	18	18	18	18	18	18	18	19	19	19	19	19	20
27	19	19	19	20	21	20	20	21	20	19	19	19	18	19	19	18	18	18	19	18	18	18	18	19	19
28	19	19	19	20	20	20	22	23	22	21	20	20	20	20	19	18	18	18	18	19	19	19	18	18	20
29	18	18	18	18	18	18	18	19	20	20	20	22	20	19	****	20	20	20	20	20	22	23	23	23	20
30	23	23	23	21	20	20	21	21	22	20	20	20	19	21	20	24	20	19	18	18	23	30	31	24	22
31	22	22	24	22	20	27	24	24	23	22	19	18	20	20	19	19	18	18	18	20	19	19	20	20	21
MEAN	21	21	21	20	20	21	21	21	21	20	20	19	20	20	20	19	20	20	20	20	21	21	21	21	20.3

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14901 RIVERSIDE BLVD.MOBILE STATION, CORUNNA MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	21	19	19	19	19	20	22	23	22	22	20	19	19	19	19	19	19	19	20	19	19	19	20
2	19	19	19	19	19	19	18	18	18	19	19	19	20	19	19	18	19	19	19	18	18	18	18	19	19
3	19	19	23	19	21	21	20	20	19	21	21	23	23	24	24	22	23	23	22	19	19	21	20	19	21
4	21	20	19	22	21	19	21	19	19	19	20	22	19	19	21	25	29	28	21	20	20	21	21	21	21
5	21	21	21	22	23	25	22	21	20	24	21	25	28	****	****	21	19	20	20	21	26	28	27	26	23
6	25	25	28	31	26	34	25	23	21	23	20	20	22	21	20	19	20	21	21	24	22	23	34	21	24
7	19	18	18	18	18	18	21	27	26	22	21	18	18	20	19	19	18	18	18	18	18	18	18	18	19
8	18	16	16	16	16	16	16	16	19	18	17	17	23	21	18	19	20	19	20	20	23	23	21	21	19
9	22	24	21	21	21	21	19	22	21	19	19	19	19	19	20	21	19	19	19	19	19	20	19	19	20
10	20	20	19	19	19	19	21	20	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	20	20	21	21	20	21	20	21	21	21	20	21	21	20	20	20	21	21	20	20	21	21	22	20	20.5

PERCENTAGE OF DATA VALID - 31.1 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 68.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL HYOROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14901 RIVERSIOE BLVD.MOBILE STATION, CORUNNA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB	22	20.6	25	40
MAR	31	20.6	33	72
APR	16	20.5	25	50
MAY	30	20.2	24	44
JUN	30	20.2	25	55
JUL	31	20.5	27	40
AUG	31	20.3	25	52
SEP	9	20.5	24	34
YEAR	200	20.4	33	72

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14901 RIVERSIDE BLVD.MOBILE STATION, CORUNNA

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN		OATA UNAVAILABLE							
FEB	0	231	291	7	0	0	0	0	529
MAR	0	412	306	24	1	0	0	0	743
APR	0	213	170	9	0	0	0	0	392
MAY	0	394	327	6	0	0	0	0	727
JUN	0	405	294	15	0	0	0	0	714
JUL	0	379	342	16	0	0	0	0	737
AUG	0	411	315	14	0	0	0	0	740
SEP	0	103	118	3	0	0	0	0	224
YEAR	0	2548	2163	94	1	0	0	0	4806

FREQUENCY OISTRIBUTION BY PERCENTILES

PERCENT OF OATA VALIO	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
82.7	14	17.1	18.0	18.9	20.5	23.8	26.2	29.9	33.1	72	20.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	22	30	29	24	21	21	21	22	22	22	23	24	24	24	24	23	23	23	23	23	23	22	22	23
2	22	23	21	21	22	22	23	24	39	24	23	22	22	23	23	24	23	23	23	23	-	-	-	23	23
3	22	23	24	23	23	24	24	25	27	24	24	23	24	23	12	****	38	28	28	29	28	28	29	28	25
4	27	27	27	28	28	28	27	27	29	28	28	28	28	28	29	29	31	31	30	28	27	28	27	26	28
5	25	26	26	25	26	26	28	29	29	27	26	28	27	37	26	25	27	25	24	23	21	23	****	23	26
6	23	22	22	23	24	24	25	26	24	21	22	22	22	22	22	22	28	23	22	21	22	22	24	23	23
7	23	23	23	23	28	25	22	27	28	25	27	24	22	20	21	21	22	23	21	22	22	22	20	21	23
8	21	21	21	21	21	19	19	20	18	20	19	20	21	21	21	22	23	25	23	23	21	22	23	21	21
9	22	22	21	21	21	21	21	21	21	****	22	22	22	21	22	22	22	22	24	23	23	23	23	24	22
10	24	23	23	22	23	24	24	24	27	26	25	24	21	****	20	21	23	23	22	21	21	22	****	23	23
11	28	26	28	38	35	37	41	52	63	45	29	24	22	24	24	25	29	35	-	-	-	42	37	29	34
12	27	29	25	23	21	22	22	24	22	23	23	23	25	27	24	47	25	32	-	-	28	27	28	30	26
13	25	25	22	23	23	23	23	23	24	23	23	22	23	23	22	23	26	22	22	23	26	26	****	36	24
14	27	25	23	24	24	24	20	18	19	19	18	19	19	19	20	20	21	21	21	22	22	23	24	22	21
15	22	23	24	24	24	24	25	28	29	27	25	25	25	24	24	24	26	25	24	24	23	23	25	29	25
16	22	23	23	23	22	23	23	24	25	24	23	22	79	18	24	25	26	30	32	35	42	51	40	40	30
17	37	31	28	28	27	28	29	31	30	26	28	31	37	27	26	24	25	24	23	22	22	23	23	22	27
18	22	23	22	22	22	22	23	23	23	23	-	-	22	22	23	23	23	24	25	26	25	25	25	28	23
19	27	31	29	26	29	28	28	31	33	28	26	26	-	23	44	21	20	21	22	22	23	23	26	23	27
20	22	22	23	21	21	23	23	22	23	23	22	23	24	24	23	23	30	23	23	24	23	23	24	22	23
21	22	22	21	21	21	20	20	20	19	20	19	19	19	18	18	17	17	16	17	16	18	19	18	20	19
22	18	19	20	19	17	-	18	18	19	15	52	19	19	19	21	20	24	****	25	24	26	26	28	29	23
23	27	26	24	25	26	27	30	28	30	27	26	26	27	28	28	29	30	31	29	32	33	30	30	31	28
24	29	27	26	28	29	28	29	30	-	-	****	27	27	28	26	26	26	27	26	29	25	27	26	26	27
25	26	23	21	20	19	19	20	19	20	19	20	20	20	19	20	20	20	20	19	20	20	20	20	21	20
26	21	20	20	20	20	20	20	22	21	21	23	22	22	22	21	21	38	20	21	22	24	24	23	22	22
27	22	22	22	21	22	22	22	23	22	23	22	23	23	24	30	25	26	23	23	23	24	23	23	23	23
28	23	23	23	24	22	23	22	21	20	20	20	19	19	19	20	20	20	18	18	18	18	18	18	18	20
29	18	19	19	19	18	18	18	20	20	20	27	24	20	****	50	20	19	19	20	19	18	17	18	18	21
30	17	17	18	18	18	17	18	18	19	18	18	20	19	20	19	21	23	-	22	22	22	22	22	22	20
31	22	23	22	21	21	21	21	21	21	20	20	19	19	20	19	18	18	18	19	19	19	19	19	19	20
MEAN	24	24	23	23	23	23	24	25	26	23	24	23	25	23	24	23	25	24	23	23	24	25	25	25	23.9

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 2.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	18	19	19	18	18	19	18	19	19	19	19	20	20	****	21	20	20	20	20	19	19	21	19
2	23	22	22	23	23	24	25	24	23	22	20	20	20	14	****	22	22	23	24	26	26	27	30	30	23
3	58	86	101	77	71	70	46	38	38	42	34	30	26	25	26	25	26	27	28	31	26	26	27	30	42
4	-	-	-	-	-	-	-	****	26	25	23	22	22	23	24	24	23	24	23	23	21	22	23	23	23
5	33	24	24	25	24	24	24	25	23	59	26	23	22	21	20	22	-	24	24	24	23	24	27	26	26
6	24	24	25	27	27	24	29	34	30	30	26	25	24	25	23	24	27	27	25	26	26	27	28	32	27
7	27	27	30	32	31	28	29	34	37	28	26	27	27	26	27	26	26	27	27	29	25	24	26	26	28
8	23	23	25	26	27	26	26	26	27	26	25	24	23	23	22	23	25	22	24	25	26	24	25	25	25
9	25	-	-	-	-	-	-	****	25	****	****	****	****	****	****	32	34	33	32	33	31	33	32	32	******
10	30	33	29	28	28	28	27	26	24	23	22	21	23	23	24	24	24	25	25	25	26	25	26	25	26
11	25	27	26	26	28	29	26	25	23	24	24	24	26	28	27	26	26	28	29	29	36	38	30	42	28
12	29	24	28	26	25	25	25	25	24	25	24	23	23	23	23	25	27	28	29	29	30	29	28	27	26
13	25	23	25	26	27	25	26	30	29	28	27	27	26	40	34	24	25	25	****	28	27	27	27	30	27
14	32	36	31	37	26	25	25	26	27	26	26	28	28	27	27	26	26	24	25	25	24	23	24	25	27
15	23	22	23	22	24	24	23	24	23	23	23	23	24	24	****	****	****	****	****	****	****	****	****	****	******
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	27	26	25	25	26	27	26	26	******
17	-	26	24	25	24	25	25	25	26	25	25	26	27	-	26	25	27	26	26	26	28	28	36	32	27
18	30	31	29	28	29	28	28	30	30	30	31	32	33	33	33	32	31	30	30	29	-	27	28	****	30
19	27	28	28	27	28	26	28	32	32	32	30	25	26	24	17	36	25	26	26	27	27	27	29	30	28
20	26	26	25	25	25	28	29	33	31	31	27	25	28	21	****	****	****	****	****	****	****	****	****	****	******
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	23	23	22	23	21	20	20	19	20	20	******
22	18	18	16	17	17	18	21	22	22	19	19	18	19	19	19	21	20	20	21	24	24	24	25	27	20
23	23	23	22	22	23	23	24	24	24	24	22	21	22	23	****	27	28	28	26	28	27	26	28	29	25
24	21	21	20	20	20	21	21	22	23	24	24	23	20	20	20	20	21	21	21	21	23	22	23	23	21
25	21	20	20	23	25	26	26	27	28	31	30	30	29	30	30	31	32	33	33	34	34	33	33	33	29
26	32	32	31	29	29	24	20	21	21	21	20	21	20	20	19	20	19	20	19	19	19	19	19	20	22
27	20	21	21	21	21	21	22	22	22	22	20	21	20	20	****	21	19	****	20	24	25	25	26	25	22
28	30	32	38	41	47	44	46	43	35	29	30	28	26	26	26	26	29	27	30	34	33	33	34	31	33
MEAN	27	28	28	28	28	27	27	27	27	28	25	24	24	24	24	25	25	25	25	26	26	26	27	28	26.3

PERCENTAGE OF DATA VALID - 87.8 PERCENTAGE OF DATA INVALID - 9.7 PERCENTAGE OF DATA UNAVAILABLE - 2.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	27	28	29	30	28	30	30	31	33	30	33	30	33	33	37	37	36	37	37	35	30	27	25	31
2	22	21	21	22	21	21	22	25	24	23	23	26	26	26	21	****	29	-	****	27	31	33	29	25	25
3	24	24	34	27	27	30	27	27	28	24	23	23	23	24	25	23	22	23	21	22	23	21	20	21	24
4	21	21	21	21	21	20	20	20	20	20	20	21	22	23	22	20	21	19	18	18	19	19	21	21	20
5	21	21	20	21	20	21	21	22	24	21	21	21	21	23	23	23	25	24	24	26	34	31	30	29	24
6	30	35	38	39	35	34	31	32	32	28	26	33	25	****	****	26	28	29	29	29	29	36	41	39	32
7	38	36	40	37	33	29	31	34	29	26	25	25	25	26	27	22	21	23	20	22	22	21	23	25	28
8	24	23	23	24	24	23	28	29	26	23	21	21	21	21	20	20	21	22	24	25	25	25	27	28	24
9	29	37	55	60	85	78	69	55	42	34	36	34	35	36	34	34	31	33	35	34	35	32	33	31	42
10	30	30	29	28	28	28	28	28	28	28	28	30	30	27	27	28	30	27	23	23	24	25	24	24	27
11	23	25	23	23	23	23	22	24	25	23	23	23	21	22	24	25	23	25	24	24	25	24	24	23	24
12	23	23	22	20	22	22	23	24	24	22	20	20	19	****	19	21	22	24	26	31	27	29	-	30	23
13	40	47	44	40	39	38	38	39	41	34	31	28	27	25	21	20	20	19	20	20	20	20	19	21	30
14	20	19	23	19	21	23	23	24	19	18	19	19	20	****	32	21	23	21	21	21	21	21	20	20	21
15	20	19	20	20	20	21	22	23	23	21	21	22	23	22	23	22	21	23	24	26	33	29	34	32	24
16	27	27	26	25	24	-	26	26	28	29	29	31	30	****	24	20	18	18	19	21	20	20	20	20	24
17	20	21	20	20	21	26	33	40	26	21	21	21	19	18	17	17	18	18	25	31	44	47	62	38	27
18	30	40	42	33	28	25	23	23	26	27	26	24	21	18	17	17	17	17	23	24	28	25	26	20	25
19	18	17	18	19	19	18	17	18	18	****	17	19	18	18	17	17	17	16	18	19	18	19	21	19	18
20	19	18	26	22	30	31	25	22	22	21	19	19	19	17	15	15	21	-	****	42	31	****	56	54	26
21	38	39	36	22	24	45	46	33	23	21	22	18	17	16	15	13	13	13	14	14	22	30	47	91	28
22	41	30	43	53	51	51	70	70	28	21	18	17	16	18	17	16	18	17	18	19	19	19	19	18	29
23	19	19	20	20	21	22	24	25	24	24	25	26	26	23	24	22	25	28	27	27	22	19	18	17	23
24	18	18	17	17	16	16	17	18	18	19	19	21	21	21	25	19	21	18	17	18	18	17	19	17	19
25	17	19	17	17	16	17	17	17	18	18	18	18	18	18	17	18	18	18	18	18	17	17	17	17	18
26	17	17	17	17	17	18	18	18	19	****	****	15	16	16	17	18	17	18	18	20	20	20	19	18	18
27	18	17	18	18	18	18	19	19	18	17	18	18	18	17	18	20	19	19	20	22	22	29	41	30	20
28	48	57	51	37	33	29	34	30	29	28	28	27	30	28	26	25	26	26	24	24	23	24	23	21	30
29	20	20	21	21	20	20	20	26	23	21	19	18	18	****	18	18	19	20	21	20	18	19	22	22	20
30	24	19	19	19	23	20	21	20	-	19	18	10	8	9	18	17	20	18	18	20	20	16	15	19	18
31	15	15	16	16	16	17	16	16	17	16	17	17	17	17	17	18	18	18	18	18	19	20	19	20	17
MEAN	25	26	27	26	27	27	28	28	25	23	23	23	22	22	22	21	22	22	22	24	25	25	27	27	24.5

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	21	20	21	22	22	22	23	22	24	23	23	24	24	23	24	23	23	23	24	24	23	21	22
2	23	22	23	22	22	22	23	29	33	38	30	26	****	****	19	20	21	22	20	20	20	19	19	18	23
3	20	19	19	20	19	19	20	20	19	18	17	****	16	15	15	15	16	16	17	18	19	19	21	23	18
4	22	22	22	22	22	23	23	24	23	25	25	25	24	44	****	25	****	23	24	22	21	20	21	20	24
5	19	19	20	19	18	****	19	18	-	-	****	22	23	21	22	26	27	28	30	30	20	18	18	20	22
6	20	****	****	****	****	****	****	****	****	****	****	****	****	****	16	16	16	16	15	16	16	16	16	17	******
7	16	16	17	17	18	18	18	18	18	17	17	17	17	17	18	19	19	18	19	19	21	21	21	29	19
8	31	26	22	21	20	21	22	23	21	22	23	24	23	26	26	25	24	25	25	25	23	22	23	24	24
9	23	25	25	24	23	21	19	21	19	19	****	17	20	19	19	19	18	18	20	19	18	18	18	19	20
10	20	19	19	20	20	20	22	22	21	20	19	17	18	18	17	18	17	18	19	20	21	24	28	37	21
11	32	37	30	28	25	25	27	27	28	28	30	30	31	33	33	33	34	33	35	33	29	31	35	38	31
12	34	35	37	64	39	43	40	44	33	34	35	34	29	36	33	36	30	30	29	30	30	31	31	29	35
13	29	29	30	30	28	27	27	28	28	28	28	27	28	23	24	25	26	28	27	30	27	28	25	23	27
14	23	22	24	20	18	18	20	21	22	23	22	21	19	17	18	22	20	17	16	17	16	16	18	18	20
15	18	19	18	18	18	18	18	18	18	17	18	18	18	18	17	17	17	18	19	19	19	20	20	19	18
16	18	18	18	17	17	18	17	18	19	18	18	18	18	17	18	18	17	****	19	20	****	22	23	22	19
17	22	21	20	20	20	20	20	20	19	18	18	17	17	-	-	16	17	16	17	18	17	18	20	20	19
18	20	21	21	21	22	21	22	21	21	19	18	****	-	-	17	16	17	17	17	18	19	21	23	23	20
19	23	24	24	24	24	26	25	22	21	19	18	17	17	36	18	19	19	19	20	21	21	23	24	25	22
20	39	36	52	48	42	47	48	50	39	29	25	24	25	24	26	25	25	28	24	31	29	36	47	38	35
21	36	28	36	51	53	39	32	32	28	28	28	30	26	23	23	29	28	25	26	31	27	29	28	26	31
22	24	25	25	24	23	22	21	21	20	20	20	20	20	20	20	19	19	19	19	22	25	51	59	83	27
23	63	42	31	47	84	48	47	47	27	16	39	25	24	25	27	25	26	25	26	40	45	53	51	60	39
24	50	46	36	52	37	30	26	29	31	26	26	****	36	28	25	24	27	27	24	25	26	27	33	33	31
25	25	24	23	23	27	****	28	26	28	23	27	25	22	19	17	16	17	18	21	26	26	30	27	29	24
26	31	26	30	30	31	23	23	27	21	18	19	21	27	23	21	22	21	21	19	19	16	16	15	15	22
27	15	15	15	15	15	15	15	16	16	****	****	16	15	16	16	16	17	17	17	18	19	19	19	19	16
28	18	18	19	19	20	20	21	20	19	20	21	21	22	21	20	19	18	18	17	19	19	19	18	18	19
29	18	18	19	19	19	18	19	19	18	17	17	17	18	20	20	21	19	18	20	20	26	36	29	27	21
30	31	25	22	21	22	21	22	21	22	23	21	18	18	18	17	19	19	19	19	18	19	18	19	17	20
MEAN	26	25	25	27	26	25	24	25	23	22	23	22	22	23	21	21	21	21	21	23	23	25	26	27	23.7

PERCENTAGE OF DATA VALID - 95.3 PERCENTAGE OF DATA INVALID - 3.9 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	16	17	17	18	18	17	17	17	17	16	****	16	16	16	16	17	17	18	19	34	37	36	19
2	46	42	53	49	57	45	34	32	24	25	24	23	26	23	24	24	23	22	23	23	23	26	26	22	31
3	20	22	21	28	22	24	27	25	24	22	22	20	****	18	19	18	18	17	18	17	17	16	17	18	20
4	19	19	19	19	19	****	17	19	19	18	18	18	17	18	18	18	-	18	18	19	21	21	20	20	19
5	19	19	19	19	22	22	20	19	19	18	17	22	19	19	20	20	20	20	20	19	21	25	23	22	20
6	24	25	24	24	23	23	23	22	23	24	26	26	27	25	26	24	22	23	23	23	23	25	23	22	24
7	22	22	22	****	****	****	****	25	25	23	26	28	28	23	22	20	24	27	25	25	25	31	27	26	25
8	25	26	27	29	34	35	30	28	****	24	20	18	19	18	18	17	16	16	17	22	22	26	25	31	24
9	21	20	20	26	20	22	24	19	19	18	18	17	19	20	18	17	16	16	17	18	20	21	26	18	20
10	20	27	33	21	22	25	26	20	20	19	18	19	19	19	18	17	17	21	24	20	27	24	22	21	22
11	29	31	33	26	28	26	26	28	28	26	23	22	****	18	19	24	21	23	22	24	21	21	22	19	24
12	17	16	17	17	17	17	16	16	16	16	16	17	17	18	16	17	16	18	18	17	16	16	16	17	17
13	17	16	16	16	17	17	17	16	16	16	15	15	15	16	17	24	17	18	17	17	18	18	17	19	17
14	33	26	22	23	20	24	24	22	17	17	****	16	18	20	18	23	17	16	18	18	19	20	18	16	20
15	18	19	18	17	18	18	18	18	****	34	****	16	15	16	15	16	16	15	16	15	15	16	17	17	17
16	16	18	17	18	18	18	17	16	16	15	16	16	16	16	16	16	15	16	17	17	19	21	23	51	19
17	-	47	36	****	33	41	46	24	23	19	23	21	21	22	21	22	20	20	22	25	26	25	26	26	27
18	21	22	22	25	26	23	28	24	****	23	32	24	23	24	20	21	24	22	22	25	31	39	27	23	25
19	20	19	22	23	28	22	21	22	25	****	21	18	22	19	23	22	21	23	22	23	22	21	21	23	22
20	25	26	24	24	26	19	18	16	16	16	16	18	16	17	16	15	15	14	15	16	17	19	36	44	20
21	****	19	22	20	16	17	16	15	14	14	15	16	14	15	15	15	15	15	16	17	16	16	17	18	16
22	18	18	18	18	19	22	23	20	19	19	19	19	****	17	19	19	17	19	18	19	20	19	18	****	19
23	19	21	21	20	22	21	20	19	19	27	17	17	18	17	18	18	19	21	23	21	20	21	21	18	20
24	17	17	18	16	17	17	17	17	17	19	18	21	19	18	18	19	19	19	18	18	18	16	17	17	18
25	16	16	17	16	-	****	16	16	16	15	15	16	****	18	17	18	18	19	16	16	16	16	16	16	16
26	16	16	16	16	17	17	17	17	17	17	17	19	21	22	17	16	16	16	17	22	18	18	21	18	18
27	19	16	16	30	25	21	18	19	20	21	21	20	22	22	22	17	18	18	18	18	19	20	20	21	20
28	23	25	25	25	26	29	29	28	21	18	16	19	20	19	20	20	20	19	19	19	21	22	23	23	22
29	32	40	40	56	69	65	55	48	35	25	22	22	22	22	23	23	21	19	20	24	25	25	30	27	33
30	28	29	30	27	24	26	26	22	23	21	20	20	22	22	22	22	23	22	22	28	29	39	46	53	27
31	43	60	43	30	41	32	26	25	24	24	20	19	****	21	22	21	20	19	22	21	22	20	20	19	27
MEAN	23	24	24	24	26	25	24	22	20	20	20	19	20	19	19	19	19	19	19	20	21	22	23	24	21.5

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	21	20	20	19	20	21	21	20	****	20	20	-	-	19	20	19	21	20	20	20	19	19	18	20
2	18	18	18	17	18	18	17	17	16	17	16	17	17	16	16	16	16	18	17	18	19	21	21	18	18
3	19	19	20	21	19	20	19	18	18	17	19	20	21	22	19	19	19	18	18	18	23	23	19	18	19
4	19	22	26	42	39	51	44	26	23	21	19	22	20	21	23	18	20	20	20	20	20	33	24	22	26
5	21	20	22	22	23	22	19	18	****	****	15	-	16	15	15	15	16	16	16	16	18	19	21	23	18
6	21	19	19	20	20	20	20	20	20	21	22	19	22	20	21	20	20	21	22	22	21	24	22	19	21
7	21	20	20	21	21	23	25	23	23	24	23	22	21	21	22	23	25	24	24	23	27	24	21	19	23
8	21	20	19	19	18	18	18	19	18	18	19	17	17	****	****	18	17	18	19	18	22	21	31	24	20
9	21	23	26	26	21	20	20	19	20	21	22	23	23	21	20	21	21	19	19	22	27	27	31	29	23
10	27	20	17	18	18	21	17	16	15	16	16	17	15	15	14	14	15	15	15	15	15	15	14	15	16
11	15	14	14	14	14	15	15	16	15	15	15	14	15	****	16	17	17	-	-	17	18	19	20	20	16
12	20	20	20	21	21	22	19	18	18	17	18	18	17	17	17	17	17	18	****	18	20	20	22	24	19
13	27	24	24	26	38	45	38	24	19	18	18	18	18	18	18	19	20	20	20	21	23	28	29	31	24
14	38	43	40	46	****	32	28	23	22	22	21	21	22	22	22	21	21	21	21	22	23	23	21	20	26
15	21	21	20	21	21	20	20	21	20	19	****	****	****	****	18	17	16	16	16	15	16	18	21	20	19
16	17	16	17	17	17	18	17	16	16	15	15	15	15	15	15	15	15	15	15	16	19	20	25	23	17
17	20	20	22	24	24	22	22	20	18	18	20	18	15	16	16	15	15	16	16	16	15	14	14	15	18
18	16	15	16	16	16	16	16	16	16	16	****	17	****	6	17	8	8	8	7	19	19	23	24	21	15
19	24	26	25	25	27	28	25	21	21	21	21	20	20	21	21	20	22	20	21	21	20	21	21	23	22
20	23	23	23	27	27	24	23	23	24	23	23	22	23	23	23	22	23	23	23	24	23	22	21	26	23
21	21	18	18	18	19	19	20	20	19	19	18	17	17	18	17	18	18	19	19	18	25	25	22	19	19
22	23	20	22	25	23	21	20	22	22	18	17	17	17	17	18	18	-	17	17	17	19	19	18	18	19
23	17	17	17	17	18	17	17	17	17	16	17	17	17	17	17	17	17	17	18	18	19	18	19	19	17
24	20	19	****	19	19	19	18	****	18	18	19	18	20	18	17	18	18	17	20	20	20	20	21	20	19
25	20	20	20	20	20	21	21	21	20	19	20	19	21	21	20	20	-	21	21	20	23	26	40	38	22
26	37	44	48	31	37	35	32	25	****	18	18	18	19	18	18	18	17	16	16	17	19	20	20	19	24
27	18	18	17	17	17	17	17	18	17	17	16	15	16	16	18	18	20	19	20	21	19	20	18	17	18
28	16	19	21	20	18	18	18	17	18	18	17	19	16	16	15	15	15	15	15	16	17	21	30	32	18
29	38	45	36	33	38	33	31	24	21	20	19	22	****	20	22	20	18	18	17	17	17	17	20	-	25
30	17	17	17	17	17	20	19	19	20	20	20	18	19	20	19	-	18	18	19	17	18	20	21	19	19
MEAN	22	22	22	23	22	23	22	20	19	19	19	19	18	18	18	18	18	18	18	19	20	21	22	22	20.1

PERCENTAGE OF DATA VALID - 96.3 PERCENTAGE OF DATA INVALID - 2.5 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	17	16	17	18	17	16	15	16	16	16	16	16	16	16	16	16	15	15	15	15	14	14	16
2	14	14	14	13	14	13	14	14	13	13	14	13	13	13	13	13	13	13	14	14	15	17	18	17	14
3	18	18	18	18	16	18	16	15	15	14	****	15	15	15	14	15	15	15	15	15	17	18	17	19	16
4	18	19	19	19	23	20	21	****	****	19	17	17	16	16	17	17	17	16	16	17	17	17	18	18	18
5	17	18	18	18	18	19	17	17	17	17	17	****	16	17	16	17	16	16	17	17	18	19	19	19	17
6	19	20	19	20	20	21	20	17	18	17	17	17	****	16	16	16	16	16	15	17	17	19	21	22	18
7	23	22	21	23	23	24	26	27	22	19	17	18	18	17	18	18	18	17	16	18	19	22	28	31	21
8	44	47	44	48	39	32	28	21	21	21	19	19	19	19	18	19	18	21	21	22	23	26	24	23	27
9	25	22	20	22	22	23	24	25	23	23	24	22	****	20	20	23	****	20	21	21	20	20	20	19	22
10	20	21	20	19	19	20	21	20	19	19	18	-	18	18	18	16	16	16	16	18	21	28	46	42	21
11	48	27	29	29	27	31	30	24	22	20	18	18	18	****	15	20	19	17	20	24	20	17	23	22	23
12	22	20	19	19	21	27	29	22	18	16	15	15	15	15	14	14	15	17	17	19	22	31	22	22	19
13	25	27	37	43	34	27	25	22	20	19	****	16	17	16	15	15	15	15	16	16	18	18	21	21	22
14	22	27	37	26	24	26	23	23	29	20	21	18	16	15	16	17	16	17	17	17	17	20	18	18	21
15	18	17	20	19	19	18	17	16	16	15	15	15	15	15	15	15	15	15	16	17	18	18	18	23	17
16	25	32	30	27	23	24	21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
17	18	18	18	18	18	18	17	17	18	17	17	17	17	17	16	16	17	17	17	17	18	18	18	17	17
18	17	18	17	18	17	18	18	18	17	16	16	17	18	16	16	17	17	16	16	17	18	19	23	24	18
19	23	33	38	47	56	42	32	40	20	****	18	17	16	17	16	16	16	16	16	16	17	18	18	18	25
20	18	19	27	29	32	31	35	40	20	16	15	16	16	16	18	17	17	17	16	16	18	22	22	25	22
21	****	28	27	27	43	50	50	31	19	17	16	16	15	15	16	15	16	15	15	15	17	18	20	20	23
22	22	22	19	21	26	29	-	27	18	16	16	16	17	18	17	17	17	17	18	16	21	25	23	31	20
23	****	22	21	20	20	22	24	24	22	20	20	20	20	19	17	17	18	18	17	18	19	22	20	21	20
24	21	21	25	23	25	26	22	19	17	17	17	16	****	****	15	15	15	15	15	15	15	15	14	15	18
25	16	16	17	17	17	18	19	19	16	16	15	16	16	16	15	15	15	15	15	16	16	16	16	15	16
26	15	15	15	16	17	15	15	15	18	17	16	16	16	16	15	****	17	16	15	16	16	18	18	21	16
27	23	22	18	17	16	17	17	16	16	17	18	18	18	-	17	19	28	18	18	19	20	22	26	24	19
28	28	29	24	24	21	19	19	20	19	18	18	19	19	19	18	17	19	17	17	18	19	20	20	18	20
29	20	20	20	22	21	22	20	18	21	19	17	-	18	18	18	18	16	17	17	18	19	20	23	25	19
30	-	28	35	34	44	32	27	25	-	-	16	18	16	17	17	18	18	18	17	17	16	16	17	17	22
31	17	15	14	14	14	15	16	17	16	16	23	15	15	15	15	15	14	13	14	18	17	16	16	15	16
MEAN	22	22	23	23	24	24	23	22	19	18	17	17	17	17	16	17	17	16	17	17	18	20	21	21	19.5

PERCENTAGE OF DATA VALID - 94.8 PERCENTAGE OF DATA INVALID - 4.3 PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	15	15	15	15	16	16	17	18	15	15	15	17	16	16	17	16	16	18	18	19	18	19	****	16
2	****	****	****	****	****	****	****	****	14	14	14	14	14	****	15	16	15	15	16	19	21	21	18	17	******
3	17	17	26	29	33	68	50	24	18	17	17	16	16	16	16	16	16	15	17	17	17	17	17	17	22
4	18	18	18	18	20	21	22	17	17	16	15	15	15	16	15	15	16	16	18	20	18	18	17	16	17
5	16	16	16	16	16	17	17	16	15	15	16	15	16	17	16	15	16	16	16	16	20	20	19	21	17
6	20	19	19	18	18	18	19	18	18	18	17	19	20	19	19	19	17	18	20	24	23	23	23	23	20
7	25	21	23	24	31	38	36	29	24	****	19	18	****	19	18	17	17	16	17	17	18	20	18	18	22
8	20	21	28	27	23	22	25	23	18	18	19	17	18	18	17	17	17	****	19	20	20	20	20	20	20
9	21	23	25	26	25	23	22	22	24	21	19	17	17	17	18	18	19	22	23	26	23	22	24	24	22
10	25	20	17	17	17	16	16	16	****	****	16	15	15	15	15	16	16	16	17	19	18	19	17	17	17
11	17	17	17	17	17	17	17	16	16	16	16	16	16	16	16	16	16	17	18	19	18	19	18	18	17
12	21	20	21	22	22	23	21	20	18	18	19	19	18	18	19	20	20	20	18	19	21	22	21	22	20
13	25	29	32	36	48	50	52	38	25	18	17	17	****	20	20	21	19	18	17	18	17	17	18	16	26
14	16	16	16	17	17	17	17	18	16	15	15	16	15	16	16	16	16	15	-	16	16	16	17	17	16
15	18	17	18	18	18	18	18	17	17	17	16	17	16	17	16	16	16	17	18	19	21	21	21	21	18
16	22	23	23	23	26	28	27	22	21	19	18	17	18	17	16	17	17	17	19	21	28	27	25	22	21
17	24	30	32	36	32	35	29	21	20	20	19	18	18	63	21	21	19	19	21	21	27	****	24	23	26
18	22	22	21	21	22	21	21	22	21	21	21	20	19	19	28	22	20	19	19	20	21	23	23	23	21
19	22	20	20	21	22	22	20	18	18	18	18	18	18	18	17	17	17	18	19	20	21	20	19	20	19
20	21	23	22	22	21	22	22	22	22	20	19	20	19	19	19	19	19	22	21	24	26	30	25	25	22
21	24	23	21	21	22	22	24	22	20	20	20	19	20	20	21	20	19	19	18	19	26	30	28	47	23
22	28	22	23	23	22	21	23	23	23	22	21	21	20	20	20	20	20	20	20	20	21	21	21	23	22
23	20	20	20	20	21	24	26	25	26	20	20	20	22	21	22	23	27	23	22	21	19	19	19	19	22
24	18	18	18	17	17	19	20	21	19	18	19	20	20	20	42	20	19	17	19	18	19	18	18	17	20
25	18	18	19	19	20	21	20	19	20	18	18	17	18	17	19	19	19	19	20	19	20	20	21	22	19
26	24	24	22	24	20	20	21	20	19	19	19	19	20	19	20	21	23	22	22	24	22	22	21	20	21
27	20	20	19	20	21	21	23	25	21	21	22	20	21	22	****	21	21	21	21	20	24	23	21	20	21
28	19	20	20	19	19	20	21	27	25	20	19	20	21	19	20	20	18	19	22	27	24	21	20	20	21
29	19	19	19	21	19	20	21	22	20	18	17	17	17	17	18	19	18	17	17	18	18	17	17	18	18
30	19	19	19	18	19	20	22	21	20	19	18	19	19	17	18	18	18	18	18	19	21	25	21	23	20
31	21	23	23	23	24	26	27	29	26	22	19	20	20	****	****	19	18	21	21	23	23	22	28	26	23
MEAN	20	20	21	22	22	24	24	22	20	18	18	18	18	20	19	18	18	18	19	20	21	21	21	21	20.2

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY.LONDON MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	21	29	29	27	31	28	21	22	23	22	21	21	20	20	21	22	21	23	22	25	22	19	18	23
2	17	19	19	19	19	19	20	19	18	17	17	17	17	16	16	16	16	15	16	17	17	17	17	18	17
3	17	17	18	18	18	19	19	18	16	16	16	16	16	16	16	17	17	17	18	18	18	18	19	19	17
4	21	19	21	25	21	22	22	22	20	20	19	18	18	17	17	17	18	19	21	23	25	29	30	27	21
5	27	22	25	22	21	22	22	23	22	****	25	25	24	24	24	24	23	23	24	24	26	28	26	25	24
6	24	25	24	23	24	25	27	25	22	21	21	21	21	20	20	21	21	22	22	24	23	22	22	22	23
7	21	21	21	21	22	22	24	22	20	****	42	18	17	18	19	19	19	19	19	19	19	19	19	19	21
8	20	19	18	18	19	20	21	22	20	19	19	19	18	19	18	19	19	19	20	23	22	22	21	22	20
9	25	29	28	24	24	26	26	25	28	21	20	20	21	****	21	21	21	21	22	24	24	22	26	30	24
10	24	27	25	21	22	20	21	20	****	19	19	20	20	20	23	20	20	19	20	21	19	19	19	19	21
11	18	22	23	18	18	22	22	19	19	20	19	20	20	19	21	-	20	21	23	22	22	24	22	21	21
12	22	20	20	19	19	20	21	23	24	21	22	22	22	22	21	21	21	21	26	26	24	26	26	26	22
13	23	26	30	24	24	24	24	23	23	22	23	22	22	22	22	21	22	23	26	27	23	22	21	18	23
14	20	19	18	18	18	17	18	17	14	44	19	****	18	18	18	18	19	19	21	21	21	22	22	21	20
15	21	21	20	21	20	20	20	20	20	20	20	19	20	20	20	20	20	21	22	32	34	31	27	25	22
16	23	22	22	22	24	23	24	23	20	20	21	22	21	21	22	21	22	22	25	25	25	24	23	23	23
17	24	22	22	21	22	23	27	27	23	22	****	21	22	20	20	23	22	21	21	22	22	21	22	21	22
18	22	21	21	21	22	22	23	23	22	21	21	20	20	22	20	22	24	21	21	****	19	20	20	20	21
19	19	19	19	19	19	20	20	20	19	19	22	19	20	20	18	19	18	****	21	21	21	22	29	30	21
20	28	26	31	34	32	28	32	35	25	20	21	19	20	20	20	20	20	19	20	21	21	22	22	22	24
21	21	21	21	20	21	21	22	24	21	21	20	21	30	****	19	19	19	19	19	20	****	21	20	20	21
22	21	22	21	20	20	20	20	20	19	19	19	22	19	20	19	20	19	19	20	21	20	21	21	22	20
23	22	22	26	27	26	22	22	21	21	21	20	20	20	20	21	22	21	21	21	22	21	28	25	22	22
24	22	21	21	22	22	23	25	26	****	****	22	20	21	21	21	21	21	23	27	35	29	34	29	30	24
25	27	27	29	30	31	31	38	46	38	22	20	20	19	19	20	21	21	21	21	23	28	35	44	39	28
26	21	20	22	22	23	27	30	28	21	20	20	21	19	18	18	19	19	22	26	27	27	32	36	43	24
27	51	65	60	52	44	50	44	35	32	23	25	21	22	28	21	23	24	27	24	25	32	29	25	23	34
28	23	26	27	30	26	25	27	24	23	23	23	22	23	16	****	24	23	23	24	27	25	26	31	26	25
29	32	26	25	25	24	24	28	31	26	23	22	22	21	21	20	22	22	24	24	23	31	31	24	35	25
30	46	43	29	28	27	26	22	22	23	23	22	25	22	23	22	22	21	21	22	23	24	23	24	27	25
MEAN	24	24	25	24	23	24	25	24	22	21	21	20	20	20	20	20	20	21	22	23	24	24	24	24	22.6

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY.LONDON MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	23	22	21	22	24	23	24	22	20	21	23	22	****	24	25	24	25	24	26	32	27	-	24	24
2	23	24	26	24	23	24	26	25	25	25	25	25	25	24	25	25	25	25	24	24	24	23	23	22	24
3	22	21	22	22	22	22	23	23	24	25	23	23	22	21	20	22	22	21	22	23	23	21	21	21	22
4	22	23	26	24	24	27	27	26	26	26	24	23	23	22	22	22	22	23	24	24	24	25	24	24	24
5	24	26	26	31	34	35	37	33	28	26	****	****	17	19	19	18	18	19	20	20	19	19	20	19	24
6	19	19	19	20	20	20	21	20	20	22	23	22	22	21	22	24	21	21	21	20	20	20	20	19	21
7	19	17	17	16	17	17	17	17	17	17	16	17	17	18	18	18	17	18	20	21	20	20	22	23	18
8	22	-	20	20	20	20	21	22	21	20	20	21	21	21	21	20	21	22	21	23	25	28	24	23	22
9	21	20	19	18	18	19	20	20	20	19	-	****	15	****	20	21	22	22	26	25	24	25	29	32	22
10	41	37	-	43	-	****	50	40	31	28	26	26	25	24	26	25	27	25	24	25	27	30	29	27	30
11	26	27	26	27	33	42	51	38	36	33	26	25	18	31	****	24	23	23	23	23	23	23	24	23	28
12	21	22	22	21	21	21	22	23	21	21	21	22	23	24	25	24	24	25	23	20	20	21	21	22	22
13	23	22	21	21	21	21	20	20	21	20	21	20	22	22	24	24	23	23	23	25	24	23	26	26	22
14	24	23	22	22	23	23	24	24	23	22	21	22	22	22	22	23	23	27	27	26	25	26	25	26	24
15	26	25	25	24	24	24	26	-	14	****	23	24	24	23	23	23	23	26	30	27	26	26	28	33	25
16	33	31	32	26	25	27	29	27	27	26	26	-	25	26	25	25	26	30	28	30	25	27	25	24	27
17	30	31	27	28	33	27	38	-	-	28	27	28	26	26	27	29	29	27	29	27	26	28	24	25	28
18	28	43	38	35	33	33	33	33	26	25	24	25	26	25	23	24	25	27	26	25	25	26	27	25	28
19	25	23	25	29	25	33	30	32	****	****	28	29	28	27	27	-	-	27	25	25	25	25	26	25	27
20	26	24	24	23	23	23	24	25	25	24	25	23	26	23	27	28	29	29	26	25	25	27	26	24	25
21	24	25	25	22	22	22	23	23	21	22	23	23	23	23	23	22	23	25	25	34	35	31	32	27	25
22	25	31	25	25	27	27	30	30	47	34	27	25	26	25	25	26	30	33	27	29	29	28	27	26	29
23	20	26	26	26	20	20	22	24	22	23	22	23	21	22	22	23	24	22	23	22	23	22	22	22	23
24	22	22	22	22	22	22	22	24	24	23	23	21	21	21	21	22	22	23	26	26	25	-	25	22	23
25	22	22	22	22	23	22	24	24	24	24	25	24	22	22	22	24	25	24	23	23	25	25	25	25	23
26	25	24	25	24	24	26	26	27	25	25	25	25	-	-	22	24	24	23	23	24	24	27	26	24	25
27	25	24	24	24	24	27	50	36	45	29	24	24	23	25	25	24	24	22	23	22	23	24	24	22	27
28	25	31	22	21	21	21	19	20	21	21	23	26	21	22	21	21	21	22	22	22	22	21	21	22	22
29	21	21	21	22	22	22	22	23	23	21	23	22	23	24	23	23	24	23	24	25	31	39	37	31	25
30	28	36	35	39	26	27	26	31	30	27	25	26	25	26	25	25	25	27	25	27	27	26	27	26	28
31	25	26	25	25	24	25	25	28	31	27	27	25	27	25	25	26	27	27	28	28	30	26	26	24	26
MEAN	25	26	24	25	24	25	27	26	26	24	24	24	23	23	23	23	24	24	24	25	25	25	25	24	24.5

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY.LONDON MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	26	27	27	26	24	25	26	26	23	24	25	27	29	25	****	22	22	22	23	23	23	23	23	25
2	23	23	23	22	22	23	24	26	26	23	22	23	23	24	22	23	24	27	27	27	27	30	29	26	25
3	26	27	26	26	26	29	28	34	28	27	28	24	23	23	22	22	24	25	24	24	25	25	25	-	26
4	26	25	24	24	23	25	25	26	25	24	24	22	22	21	22	24	27	27	27	26	30	49	63	44	28
5	65	58	41	32	30	31	36	48	39	32	30	32	29	27	28	36	38	34	34	34	50	43	40	30	37
6	28	28	31	29	29	29	28	33	39	39	35	36	31	33	32	31	32	29	30	32	29	24	23	23	31
7	21	20	20	20	20	21	21	21	22	24	24	24	25	25	24	25	26	26	27	29	28	25	29	27	24
8	25	24	24	23	21	-	****	22	22	22	23	23	25	25	37	25	24	28	28	29	28	28	28	28	26
9	28	32	55	52	46	76	40	36	36	30	29	28	27	28	27	30	30	28	29	-	26	27	30	34	35
10	25	25	24	24	23	24	23	23	24	24	24	23	24	22	23	****	26	27	26	25	26	25	25	26	24
11	26	27	-	30	28	28	27	26	22	23	22	22	-	24	23	23	24	26	26	26	26	25	24	25	25
12	26	25	26	-	25	28	35	37	37	33	25	25	28	26	25	24	24	29	38	37	33	33	33	31	30
13	30	28	27	29	28	31	33	29	29	27	26	24	24	23	23	25	25	25	26	27	26	27	28	27	27
14	27	26	24	25	24	25	25	28	29	26	27	26	****	****	****	****	33	36	35	37	37	37	40	40	30
15	35	35	35	34	33	33	33	35	36	35	34	34	36	36	37	36	37	38	38	36	34	34	33	32	35
16	31	32	32	33	33	33	34	38	39	38	37	36	36	35	28	22	23	24	24	****	23	23	23	25	31
17	22	24	22	26	23	22	22	22	24	26	25	25	23	22	22	22	27	28	30	60	****	****	****	****	26
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	25	24	******
19	22	23	27	34	30	31	40	42	42	38	****	****	28	31	34	34	31	32	25	24	23	24	24	23	30
20	23	22	21	22	23	24	25	26	27	25	23	22	21	22	20	21	22	23	24	24	24	23	24	23	23
21	22	22	24	23	23	26	26	28	28	29	40	51	41	33	39	34	35	-	28	28	32	29	35	25	30
22	23	22	20	20	20	20	20	20	20	20	24	26	27	27	24	26	25	26	25	24	23	23	26	24	23
23	24	23	24	23	22	21	22	29	28	10	-	24	23	24	22	22	23	24	24	24	23	22	22	23	23
24	23	-	20	21	21	22	22	22	24	25	23	24	23	23	23	23	27	24	25	38	44	****	43	36	26
25	44	48	49	43	31	37	28	27	27	27	28	28	28	31	30	32	29	27	28	26	26	26	26	26	31
26	26	26	27	23	21	20	21	23	19	19	18	18	19	19	30	21	21	20	21	21	20	21	24	22	22
27	22	22	24	23	23	23	23	25	24	24	23	22	21	21	21	21	30	23	31	26	26	24	24	24	24
28	24	22	22	22	19	19	19	21	22	22	24	23	23	23	24	24	26	26	24	25	26	24	25	23	23
29	24	24	25	23	23	24	24	25	26	24	24	24	****	****	****	****	-	****	****	****	****	****	****	****	******
30												- DATA INVALID -													
MEAN	27	27	28	27	26	28	27	29	28	26	26	26	26	26	26	26	27	27	28	29	28	28	29	27	27.3

PERCENTAGE OF DATA VALID - 88.6 PERCENTAGE OF DATA INVALID - 10.0 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY.LONDON MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	30	26	24	22	22	22	22	20	******
11	20	19	21	20	21	21	21	22	24	21	23	21	21	21	21	20	21	20	20	19	19	19	19	19	21
12	20	19	20	19	20	21	20	19	21	20	21	21	21	22	22	22	22	24	23	23	23	22	23	23	21
13	25	24	23	25	25	25	26	26	24	25	25	24	23	24	23	23	24	23	22	23	23	23	25	26	24
14	25	24	26	25	25	24	23	25	26	25	****	26	25	****	****	****	23	24	24	25	26	35	27	29	26
15	29	60	39	41	48	39	40	36	38	30	26	23	24	25	25	23	24	26	24	24	24	22	22	22	31
16	22	22	21	23	24	21	22	22	21	22	23	23	24	22	21	21	21	20	21	21	22	21	21	21	22
17	23	21	21	21	22	21	22	27	24	23	23	23	23	23	23	23	24	23	23	26	25	24	24	24	23
18	24	24	24	25	25	24	25	26	26	25	25	25	24	24	24	24	34	28	28	31	28	26	27	26	26
19	28	27	27	26	28	29	28	28	27	28	30	27	28	29	27	26	25	24	25	25	25	24	27	25	27
20	25	24	25	25	24	24	25	26	26	26	26	26	26	27	27	27	28	29	29	29	29	29	32	31	27
21	31	32	28	29	39	46	34	34	28	****	28	27	30	28	30	28	27	30	30	30	29	30	28	31	31
22	30	25	26	25	25	25	24	25	24	25	25	24	25	24	24	24	25	25	26	25	25	24	24	23	25
23	23	22	23	23	23	23	23	24	23	24	23	23	22	21	22	21	23	26	23	23	23	30	31	32	24
24	27	30	41	29	24	23	24	28	29	28	27	24	20	21	20	21	18	18	17	18	19	20	19	19	24
25	20	19	19	21	21	19	19	19	18	17	18	14	14	15	15	14	15	14	14	15	16	16	15	15	17
26	15	15	15	14	15	16	16	15	15	15	15	16	16	16	17	17	18	19	17	18	18	19	17	17	16
27	16	16	16	16	16	15	15	16	16	16	18	17	15	16	16	17	16	18	18	17	17	19	17	16	16
28	18	17	17	16	15	16	16	17	20	20	****	****	19	21	23	22	24	25	25	24	23	22	22	21	20
29	21	21	21	21	21	20	21	22	22	22	21	21	21	20	20	20	21	22	22	23	24	24	24	23	22
30	23	23	23	23	24	23	23	23	21	20	20	19	19	19	19	20	20	20	20	19	20	19	19	19	21
31	19	19	19	19	20	19	20	22	20	20	21	21	19	19	19	20	20	20	20	20	20	19	19	-	20
MEAN	23	24	24	23	24	24	23	24	23	23	23	22	22	22	22	22	23	23	23	23	23	23	23	23	22.9

PERCENTAGE OF DATA VALID - 67.7 PERCENTAGE OF DATA INVALID - 32.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	23.9	34	79
FEB	23	26.3	42	101
MAR	31	24.5	42	91
APR	29	23.7	39	84
MAY	31	21.5	33	69
JUN	30	20.1	26	51
JUL	30	19.5	27	56
AUG	30	20.2	26	68
SEP	30	22.6	34	65
OCT	31	24.5	30	51
NOV	27	27.3	37	76
DEC	21	22.9	31	60
YEAR	344	23.0	42	101

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	0	93	586	39	2	0	0	0	720
FEB	0	38	470	77	4	1	0	0	590
MAR	3	209	402	105	6	1	0	0	726
APR	0	247	352	83	4	0	0	0	686
MAY	0	350	322	46	2	0	0	0	720
JUN	5	351	304	33	0	0	0	0	693
JUL	0	480	188	37	0	0	0	0	705
AUG	0	377	327	17	2	0	0	0	723
SEP	0	151	513	41	1	0	0	0	706
OCT	0	40	623	57	0	0	0	0	720
NOV	1	9	492	133	3	0	0	0	638
DEC	0	112	369	23	0	0	0	0	504
YEAR	9	2457	4948	691	24	2	0	0	8131

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
92.8	6	16.3	19.0	21.3	23.9	29.3	34.1	42.2	48.9	101	23.0

ONTARIO MINISTRY DF THE ENVIRDNMENT - AIR RESDURCES 8RANCH

POLLUTANT - TDTAL HYDROCAR8DNS UNITS - 0.1 PARTS/MILLIDN

STATIDN - NMP ND 229D3 CHEAPSIDE RD/WALPDLE CDNC 5,NANTICOKE MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	2D	21	22	23	24	MEAN
1												- DATA UNAVAILA8LE -													
2												- OATA UNAVAILA8LE -													
3												- OATA UNAVAILA8LE -													
4												- OATA UNAVAILA8LE -													
5												- OATA UNAVAILA8LE -													
6												- OATA UNAVAILA8LE -													
7												- DATA UNAVAILA8LE -													
8												- OATA UNAVAILA8LE -													
9												- OATA UNAVAILA8LE -													
10												- OATA UNAVAILA8LE -													
11												- DATA UNAVAILA8LE -													
12												- DATA UNAVAILA8LE -													
13												- DATA UNAVAILA8LE -													
14												- OATA UNAVAILA8LE -													
15												- DATA UNAVAILA8LE -													
16												- OATA UNAVAILA8LE -													
17												- OATA UNAVAILA8LE -													
18												- DATA UNAVAILA8LE -													
19												- OATA UNAVAILA8LE -													
2D												- DATA UNAVAILA8LE -													
21												- DATA UNAVAILA8LE -													
22												- OATA UNAVAILA8LE -													
23	7	7	7	7	7	7	6	6	6	6	6	6	16	16	16	16	16	16	16	16	16	16	16	16	11
24	15	15	16	15	15	15	16	15	15	16	15	15	15	15	15	15	16	16	16	16	16	16	16	16	15
25	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	18	17	17	16
26	17	19	21	22	21	17	16	16	16	16	16	16	17	2D	****	24	2D	17	16	16	16	16	16	16	18
27	16	16	17	18	20	21	19	16	16	16	16	16	16	****	15	15	17	17	17	15	15	17	18	21	17
28	27	29	29	28	26	27	26	25	19	2D	25	2D	17	18	17	15	15	15	16	16	16	16	16	17	21
29	16	16	16	16	17	17	16	16	16	16	16	16	16	****	****	****	****	16	17	17	16	17	17	17	16
30	16	15	15	15	15	15	16	16	16	16	16	16	15	15	14	****	****	****	15	16	15	15	15	15	15
31	15	15	15	15	15	15	15	15	15	15	15	16	16	16	15	15	15	15	15	15	16	16	15	16	15
MEAN	16	16	17	17	17	17	16	16	15	15	16	15	16	17	15	17	16	16	16	16	16	16	16	17	16.1

PERCENTAGE DF DATA VALID - 27.8 PERCENTAGE DF DATA INVALIO - 1.2 PERCENTAGE DF OATA UNAVAILA8LE - 71.0

NOTES 1. "*****" INOICATES INVALID DATA DUE TO INSTRUMENTATIDN FAILURE

2. "-" INOICATES OATA IS UNAVAILA8LE

3. "******" INDICATES LESS THAN 2/3 VALIO DATA FDR DAILY MEAN IN DNE DAY

DNTARID MINISTRY OF THE ENVIRDNMENT - AIR RESORCES 8RANCH

POLLUTANT - TDTAL HYDRDCAR8ONS UNITS - 0.1 PARTS/MILLION

STATIDN - NMP ND 229D3 CHEAPSIDE RD/WALPOLE CONC 5,NANTICDKE MDNTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	2D	21	22	23	24	MEAN
1	16	19	31	31	3D	2D	18	18	18	16	18	16	15	15	15	15	17	15	15	15	16	16	16	16	18
2	15	15	17	16	16	18	18	16	15	15	16	16	****	****	16	15	15	15	16	16	16	16	16	16	16
3	16	16	15	15	15	15	15	15	15	15	14	15	16	16	16	15	16	19	24	23	21	26	26	30	18
4	36	33	30	39	28	36	28	25	17	18	22	36	33	16	18	20	24	31	31	23	19	17	16	16	26
5	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	15	16	16	16	16	16	16	15	16	16
6	15	16	16	16	16	15	16	16	16	16	16	16	25	32	35	37	39	39	40	4D	40	41	42	44	27
7	45	42	41	41	41	4D	39	39	40	38	38	36	33	34	36	37	37	37	36	37	39	42	43	44	39
8	45	45	45	46	46	45	43	41	41	41	40	43	42	38	38	41	41	40	35	37	37	34	34	37	41
9	36	35	33	33	34	36	34	31	31	32	32	26	27	30	31	30	3D	3D	29	27	28	34	35	36	32
10	34	36	36	36	37	36	33	28	28	25	24	23	24	29	28	32	32	35	35	36	37	39	36	41	33
11	44	44	44	43	44	42	37	34	26	22	18	18	25	24	24	28	-	28	25	29	28	30	24	29	31
12	31	31	33	33	35	34	32	31	26	27	18	18	2D	18	18	22	23	26	23	23	23	24	23	23	26
13	27	31	3D	32	32	32	27	23	19	18	18	17	17	17	17	17	17	17	17	17	17	19	21	24	22
14	24	3D	33	3D	28	24	22	17	17	17	17	17	17	17	17	18	20	22	19	18	16	16	20	26	21
15	34	33	29	33	34	34	34	32	24	21	19	21	21	23	21	21	22	22	19	2D	23	25	24	24	26
16	27	28	29	31	32	32	32	33	29	26	16	17	17	17	17	16	17	18	16	18	17	22	23	28	23
17	32	34	35	35	35	35	35	32	25	23	17	-	16	17	17	17	17	23	18	17	18	29	31	32	26
18	34	34	36	36	37	36	36	30	23	16	16	17	17	17	17	16	16	23	19	18	23	24	27	31	25
19	33	36	37	38	38	40	37	31	18	16	15	16	16	16	18	18	18	28	26	24	28	26	28	29	26
2D	30	34	36	39	39	38	36	29	18	16	17	18	17	17	18	22	21	3D	25	22	25	29	33	35	27
21	36	34	33	34	33	32	32	20	16	17	16	17	16	18	20	21	24	2D	16	18	18	19	21	22	23
22	21	18	21	22	24	24	21	18	16	17	17	17	16	16	17	17	17	2D	17	17	17	22	25	32	2D
23	36	39	38	41	37	36	35	26	17	17	17	16	16	17	17	17	17	17	17	19	22	24	25	26	25
24	31	31	31	30	34	35	34	24	17	17	17	-	-	-	19	17	17	17	18	17	18	17	17	18	23
25	18	18	18	18	18	18	18	18	17	17	17	17	-	-	-	-	-	-	-	17	17	17	17	18	18
26	17	17	16	16	16	16	16	16	16	16	16	17	16	16	16	16	16	16	16	15	15	15	16	16	16
27	16	17	16	16	16	16	16	16	16	16	16	16	16	15	16	16	15	16	16	16	16	16	17	17	16
28	16	17	19	21	21	21	20	17	16	15	16	16	16	17	16	15	16	16	16	16	17	19	19	2D	17
29	19	19	20	20	21	24	23	19	16	16	16	16	16	16	17	16	16	17	16	17	17	2D	21	22	18
30	22	23	24	25	25	22	17	16	17	17	17	17	17	16	15	15	15	16	15	15	16	16	17	17	18
MEAN	27	28	29	29	29	29	27	24	21	20	19	2D	2D	2D	20	21	21	23	22	21	22	24	24	26	23.7

PERCENTAGE OF DATA VALIO - 98.1 PERCENTAGE OF DATA INVALIO - D.3 PERCENTAGE DF DATA UNAVAILA8LE - 1.7

NDTES 1. "*****" INDICATES INVALIO DATA OUE TD INSTRUMENTATIDN FAILURE

2. "-" INOICATES DATA IS UNAVAILA8LE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN DNE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	17	19	19	18	17	18	16	16	16	16	16	15	-	-	15	14	14	14	15	16	16	17	19	16
2	18	21	23	23	24	24	23	18	15	15	15	15	16	14	14	14	14	14	15	15	16	15	16	16	17
3	16	16	16	16	16	16	15	16	16	16	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16
4	15	15	16	16	18	18	20	15	16	-	-	16	15	15	16	16	15	16	16	16	16	16	17	18	16
5	16	16	16	16	17	20	20	16	15	15	14	15	16	16	16	16	16	16	16	16	16	16	16	16	16
6	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	15	15	15	16	16	16	16	16	16	16
7	16	16	16	-	-	-	-	-	-	-	-	-	-	-	17	18	16	16	16	16	16	15	16	17	******
8	16	16	17	18	18	16	17	18	17	17	16	17	18	18	19	23	21	24	24	25	19	18	19	18	19
9	18	18	16	16	17	16	16	17	18	17	17	20	22	22	21	22	22	25	24	24	23	20	18	17	19
10	18	17	18	18	19	19	18	18	19	17	16	18	18	23	24	24	21	21	21	19	15	17	18	16	19
11	18	****	****	17	17	18	15	16	15	15	17	-	-	22	23	25	29	31	29	25	22	18	18	18	20
12	20	18	17	17	16	17	16	17	17	16	17	18	20	20	22	23	21	19	17	15	****	****	****	16	18
13	16	16	16	16	16	15	16	16	16	16	16	16	16	16	16	15	16	16	16	16	15	16	17	19	16
14	21	22	22	20	20	18	18	17	17	18	-	-	18	17	16	16	17	16	16	18	18	17	18	18	18
15	18	16	16	15	18	17	16	16	18	16	16	16	16	16	16	16	16	15	16	16	17	16	16	16	16
16	17	16	17	18	22	24	19	15	16	16	16	16	17	17	17	17	18	18	19	18	18	20	21	24	18
17	24	25	25	25	28	26	23	18	17	17	17	16	16	16	18	20	20	21	23	23	22	18	17	20	21
18	22	23	22	26	27	29	24	17	19	18	17	20	-	-	-	-	-	-	-	-	-	16	16	16	******
19	16	17	17	17	17	16	17	16	15	15	15	15	17	18	18	19	19	19	20	19	18	16	16	16	17
20	16	15	15	15	15	16	16	16	16	16	15	16	16	18	19	20	20	20	19	18	17	17	18	18	17
21	18	16	16	16	19	17	17	16	14	16	16	16	15	14	14	16	15	14	16	15	15	16	15	15	16
22	15	17	18	20	23	23	19	****	****	****	****	16	16	16	15	16	16	18	18	16	16	15	15	16	17
23	18	18	22	26	25	22	18	16	16	16	16	16	16	16	15	17	18	16	15	15	14	16	16	16	17
24	16	16	16	15	15	16	16	16	16	16	15	15	15	15	16	16	16	16	15	16	17	16	16	16	16
25	16	16	15	15	16	16	15	16	16	14	14	15	16	16	-	15	15	16	16	16	15	17	16	16	16
26	15	15	15	16	16	16	16	15	16	16	16	16	17	16	15	15	15	15	15	15	16	16	16	16	16
27	17	17	16	16	17	17	18	17	16	16	16	16	16	16	16	16	16	16	16	16	17	16	17	17	16
28	18	18	17	19	20	20	19	19	18	17	18	17	16	16	16	-	-	16	16	17	16	17	17	18	18
29	20	20	20	21	21	24	19	18	16	16	16	15	17	-	16	16	16	16	15	16	16	15	15	16	17
30	17	16	18	19	19	18	18	18	17	16	16	16	17	17	16	16	17	17	17	18	19	19	18	20	17
31	23	22	24	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
MEAN	18	18	18	19	19	19	18	17	16	16	16	16	17	17	17	18	18	18	18	17	17	17	17	17	17.3

PERCENTAGE OF DATA VALID - 91.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 7.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA INVALID -																								
2	- DATA INVALID -																								
3	- DATA INVALID -																								
4	- DATA INVALID -																								
5	- DATA INVALID -																								
6	- DATA INVALID -																								
7	- DATA INVALID -																								
8	- DATA INVALID -																								
9	- DATA INVALID -																								
10	- DATA INVALID -																								
11	- DATA INVALID -																								
12	- DATA INVALID -																								
13	- DATA INVALID -																								
14	- DATA INVALID -																								
15	- DATA INVALID -																								
16	- DATA INVALID -																								
17	- DATA INVALID -																								
18	- DATA INVALID -																								
19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	13	13	13	12	12	******
20	14	14	14	14	14	13	13	12	12	12	12	12	14	14	14	14	14	14	14	14	14	13	13	13	13
21	14	14	13	13	13	13	13	13	13	13	13	13	14	13	13	14	14	14	14	14	-	-	-	-	13
22	- DATA UNAVAILABLE -																								
23	- DATA UNAVAILABLE -																								
24	- DATA UNAVAILABLE -																								
25	- DATA UNAVAILABLE -																								
26	- DATA UNAVAILABLE -																								
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	13	13	13	13	13	13	13	******
28	14	14	14	14	14	14	14	14	14	13	13	13	14	14	14	14	14	14	13	13	14	15	15	15	14
29	16	16	15	15	14	14	15	14	14	14	14	14	-	16	15	15	15	14	14	14	14	14	14	14	15
30	15	14	14	14	15	15	14	14	14	14	14	14	14	14	14	14	-	-	-	-	-	-	-	-	14
MEAN	15	14	14	14	14	14	14	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	13	13	13 8

PERCENTAGE OF DATA VALID - 16.7 PERCENTAGE OF DATA INVALID - 61.0 PERCENTAGE OF DATA UNAVAILABLE - 22.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

29	- DATA INVALID -																								
30	- DATA INVALID -																								
31	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	14	14	14	15	16	16	18	18	******
MEAN	16	15	16	16	16	16	15	15	15	14	14	14	14	14	15	15	15	15	15	15	15	15	15	15	14.9

PERCENTAGE OF DATA VALID - 25.3 PERCENTAGE OF DATA INVALID - 41.9 PERCENTAGE OF DATA UNAVAILABLE - 32.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

DNTARIO MINISTRY DF THE ENVIRDNMENT - AIR RESDRCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - D.1 PARTS/MILLION

STATION - NMP ND 22903 CHEAPSIDE RD/WALPOLE CDNC S.NANTICDKE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	16	16	14	15	14	14	15	15	15	14	-	14	14	14	14	14	14	14	14	14	14	15	14	15
2	15	15	15	15	14	14	14	14	14	15	15	15	14	15	14	14	14	14	14	14	15	16	16	16	15
3	16	16	16	15	16	16	15	16	15	15	15	15	15	15	15	14	14	14	15	15	15	15	16	16	15
4	15	15	15	16	16	16	17	18	18	16	15	14	14	15	15	15	15	14	14	14	14	15	15	16	15
5	18	16	16	15	16	16	16	16	15	15	15	15	16	15	15	15	14	14	14	15	16	16	16	16	15
6	16	16	18	18	16	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
7	-	-	-	-	-	-	-	-	-	-	-	-	14	15	15	15	15	15	-	-	-	-	-	-	******
8	- DATA UNAVAILABLE -																								
9	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16	16	15	16	16	15	16	16	16	16	******
1D	16	16	16	16	15	15	15	14	14	14	14	14	15	15	14	14	14	15	15	17	18	17	17	16	15
11	16	16	17	17	16	16	15	15	15	15	15	15	16	16	16	16	15	15	16	16	16	16	16	15	16
12	16	17	17	18	18	20	20	19	18	15	15	15	16	14	15	14	14	14	14	15	15	16	17	18	16
13	2D	23	2D	21	24	21	20	17	16	15	15	14	16	16	15	15	14	16	16	16	16	16	15	15	17
14	15	16	16	16	16	16	16	16	16	16	16	15	16	15	15	15	15	15	15	15	16	16	16	17	16
15	15	15	15	15	15	15	15	15	15	15	15	14	16	15	15	15	15	15	14	15	16	16	17	17	15
16	15	21	26	26	34	42	20	16	15	14	14	14	15	15	15	14	14	15	15	15	15	15	19	18	18
17	22	21	19	23	2D	20	18	18	16	15	-	16	16	16	15	15	15	15	16	16	16	16	17	16	17
18	18	18	18	16	16	16	16	17	17	17	17	17	18	17	16	16	16	18	18	17	18	18	18	18	17
19	19	18	18	18	18	19	19	18	17	16	16	15	16	16	16	16	16	17	17	17	18	18	19	24	18
2D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	15	15	15	15	14	15	15	******
21	16	15	16	15	16	16	16	16	15	15	14	15	15	14	15	15	15	14	14	14	15	15	14	15	15
22	16	16	16	16	16	16	16	16	16	16	15	14	16	16	15	15	15	15	15	16	16	16	16	16	16
23	16	15	15	15	15	15	15	15	15	15	15	16	17	15	15	16	16	16	16	16	15	14	14	15	15
24	15	16	16	16	16	16	16	15	-	16	15	15	16	15	15	15	15	15	16	16	16	16	15	15	16
25	16	16	16	16	16	15	16	16	15	15	14	14	16	15	15	16	15	15	15	16	16	16	16	18	16
26	20	18	18	17	17	16	16	16	16	15	15	15	16	16	15	15	15	15	15	15	16	15	14	15	16
27	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	15	15	16	15	16	17	17	17	18	16
28	17	18	20	20	19	19	18	18	18	17	18	17	17	16	16	15	15	15	18	18	16	-	-	-	17
29	- DATA UNAVAILABLE -																								
30	- DATA UNAVAILABLE -																								
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16	14	16	16	16	16	17	21	20	******
MEAN	17	17	17	17	17	18	16	16	16	15	15	15	16	15	15	15	15	15	15	16	16	16	16	17	15.9

PERCENTAGE OF DATA VALID - 79.0 PERCENTAGE OF DATA INVALID - O.D PERCENTAGE OF DATA UNAVAILABLE - 21.D

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATIDN FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN DNE DAY

DNTARID MINISTRY DF THE ENVIRDNMENT - AIR RESDURCES BRANCH

PDLLUTANT - TDTAL HYDRDCARBDNS UNITS - D.1 PARTS/MILLIDN

STATIDN - NMP ND 229D3 CHEAPSIDE RD/WALPDLE CDNC 5,NANTICDKE MDNTH - SEP 79

HDUR / DAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	2D	21	22	23	24	MEAN
1	18	17	2D	22	21	2D	18	17	16	16	16	16	17	16	16	16	16	16	16	16	16	16	16	16	17
2	17	16	17	17	16	16	16	16	16	16	16	16	16	-	-	-	-	-	-	-	-	-	-	-	******
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7	-	-	-	-	-	-	-	-	-	-	15	15	14	14	14	14	14	14	14	15	14	14	14	15	******
8	15	15	16	16	16	2D	18	17	14	15	15	15	15	15	15	16	16	16	17	17	18	19	22	17	16
9	26	19	27	21	34	24	25	17	17	16	16	16	15	15	15	15	16	16	17	17	18	17	17	18	19
1D	16	16	16	15	15	15	15	15	16	16	16	15	14	14	15	16	16	16	16	16	16	15	16	16	16
11	16	17	16	16	-	-	-	-	-	-	-	16	16	15	15	15	15	16	16	25	29	35	34	37	21
12	36	37	37	41	4D	39	42	35	19	16	16	15	16	16	16	16	17	18	18	18	18	17	17	21	24
13	21	19	17	17	18	18	17	16	16	17	17	18	17	16	16	16	17	17	19	18	17	16	16	16	17
14	16	16	17	17	17	16	16	18	18	18	21	2D	24	23	18	17	16	18	18	24	27	34	36	38	21
15	37	39	42	44	46	46	44	39	26	19	14	18	16	16	16	16	16	18	21	3D	37	36	32	34	29
16	37	38	36	42	4D	42	44	38	24	17	16	17	16	17	16	16	17	16	17	22	3D	31	31	34	27
17	33	35	36	36	36	37	36	26	18	17	19	18	-	-	****	****	****	****	****	****	****	****	****	****	******
18												- DATA INVALID -													
19												- DATA INVALID -													
2D	****	****	****	****	****	****	****	****	****	****	****	-	-	-	-	16	16	21	23	29	3D	31	32	33	******
21	32	29	28	28	29	28	27	25	24	2D	2D	17	16	-	-	18	18	2D	24	28	34	36	36	4D	26
22	4D	41	31	31	3D	29	23	18	16	22	28	31	27	18	17	18	21	27	31	33	32	29	27	17	27
23	16	16	15	15	14	15	14	14	15	16	25	25	21	19	2D	21	24	3D	34	34	3D	28	23	2D	21
24	16	16	16	17	17	17	17	18	18	17	23	****	-	16	19	2D	17	18	24	36	36	35	36	34	22
25	32	32	34	34	33	34	34	34	28	18	18	16	17	17	17	18	17	17	18	26	3D	35	36	37	26
26	36	37	38	4D	39	37	34	32	3D	22	17	16	15	16	16	16	16	16	21	3D	35	36	39	38	28
27	38	37	37	36	37	37	35	36	32	2D	16	14	16	15	15	14	14	2D	17	24	28	28	28	28	26
28	27	28	27	26	26	26	25	26	26	25	22	25	28	28	27	27	27	29	27	26	27	27	29	3D	27
29	33	32	32	31	31	34	33	3D	26	22	16	15	16	15	15	15	14	17	23	26	32	35	39	4D	26
3D	43	4D	37	36	39	38	36	36	38	26	19	16	17	16	16	16	16	16	21	24	28	22	1D	-	26
MEAN	27	27	27	27	28	28	27	25	22	19	18	18	18	17	17	17	17	19	21	24	26	27	27	28	22.9

PERCENTAGE DF DATA VALID - 71.7 PERCENTAGE DF DATA INVALID - 9.7 PERCENTAGE DF DATA UNAVAILABLE - 18.6

NDTES 1. "****" INDICATES INVALID DATA DUE TD INSTRUMENTATIDN FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FDR DAILY MEAN IN DNE DAY

DNTARID MINISTRY DF THE ENVIRDNMENT - AIR RESDRCES BRANCH

PDLLUTANT - TDTAL HYDRDCARBDNS UNITS - D.1 PARTS/MILLIDN

STATIDN - NMP ND 229D3 CHEAPSIDE RD/WALPDLE CDNC 5,NANTICDKE MDNTH - DCT 79

HDUR / DAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	2D	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6	****	****	16	16	15	13	16	17	15	16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
7	****	****	****	****	****	****	16	16	16	15	16	16	14	16	16	****	****	15	15	15	16	16	16	15	16
8	15	15	16	16	16	16	16	16	16	16	15	16	16	16	16	****	****	****	****	****	****	****	****	****	******
9	****	****	****	****	****	****	****	****	16	16	17	17	15	15	15	-	-	-	-	-	-	-	-	-	******
1D												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16	16	16	16	16	15	15	15	14	******
14	15	15	15	16	15	16	16	15	14	15	15	15	16	16	16	16	15	-	-	-	-	-	-	-	15
15												- DATA UNAVAILABLE -													
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	16	17	******
17	18	16	17	17	18	18	18	18	19	19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
18												- DATA INVALID -													
19												- DATA INVALID -													
2D												- DATA INVALID -													
21												- DATA INVALID -													
22	****	****	****	****	****	****	****	****	****	****	****	****	14	14	16	14	14	14	13	14	16	16	16	15	******
23	14	15	16	16	17	15	15	16	18	19	18	19	17	15	15	14	14	14	14	14	16	15	15	15	16
24	15	15	15	16	15	16	15	14	16	17	16	16	-	-	-	-	-	-	-	-	-	-	-	-	******
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
3D												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	15	15	16	16	16	16	16	16	16	17	16	17	15	15	16	15	15	15	15	15	16	16	16	15	15.7

PERCENTAGE DF DATA VALID - 18.D PERCENTAGE DF DATA INVALID - 28.9 PERCENTAGE OF DATA UNAVAILABLE - 53.1

NOTES 1. "****" INDICATES INVALID DATA DUE TD INSTRUMENTATIDN FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FDR DAILY MEAN IN DNE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S.NANTICOKE MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA INVALID -													
8	****	****	****	****	****	****	****	****	****	****	****	****	17	17	17	17	17	****	****	****	****	****	****	****	******
9	****	****	****	****	****	****	****	****	****	****	****	16	16	17	15	14	16	16	16	16	16	16	15	16	******
10	16	16	15	15	16	17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
11												- DATA INVALID -													
12	****	****	****	****	****	****	****	****	****	****	****	****	17	18	18	13	15	****	****	****	****	****	****	****	******
13												- DATA INVALIO -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16	****	****	****	****	****	****	****	****	****	****	****	****	****	15	20	20	22	22	23	15	15	15	15	14	******
17	14	14	13	14	14	14	15	14	14	14	14	14	14	15	15	14	15	15	16	17	19	19	24	28	16
18	33	37	36	36	38	32	29	34	34	31	21	16	16	14	15	14	14	15	16	18	17	25	28	25	25
19	30	30	32	32	33	36	41	40	36	27	20	17	17	17	16	18	19	20	19	18	15	15	16	16	24
20	16	16	16	14	16	16	17	16	16	16	16	16	16	16	16	16	17	16	16	15	15	16	16	15	16
21	17	15	14	15	17	18	19	15	14	14	15	-	16	16	16	16	15	15	15	15	16	17	16	16	16
22	16	18	14	15	16	15	14	14	15	14	15	15	13	14	14	14	14	14	14	15	15	15	15	15	15
23	14	15	15	15	17	16	16	16	17	16	16	16	15	14	14	15	15	14	14	14	14	15	16	15	15
24	15	15	14	14	14	14	14	14	14	14	15	14	14	14	14	14	14	16	16	16	17	19	18	20	15
25	20	21	22	22	24	23	23	22	21	21	14	15	15	14	16	16	14	14	14	14	14	14	14	14	18
26	14	14	14	12	13	13	13	13	13	13	12	12	14	14	14	14	13	13	13	12	14	14	14	14	13
27	16	16	15	15	15	16	15	15	15	15	15	15	16	16	14	14	17	18	18	21	20	16	15	15	16
28	17	17	16	17	18	19	15	15	15	15	16	15	-	16	16	15	16	15	15	15	15	15	15	15	16
29	14	15	15	15	15	15	14	15	15	15	15	15	14	14	14	14	15	15	15	15	16	15	15	15	15
30	15	15	14	13	13	12	12	13	15	14	14	14	14	15	14	14	15	-	13	13	13	13	13	14	14
MEAN	18	18	18	18	19	18	18	18	18	17	16	15	15	15	15	15	16	16	16	16	16	16	17	17	16.6

PERCENTAGE OF OATA VALID - 51.8 PERCENTAGE OF DATA INVALID - 25.7 PERCENTAGE OF DATA UNAVAILABLE - 22.5

NOTES 1. ***** INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC S.NANTICOKE MONTH - OEC 79

HOUR / OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	13	13	15	14	14	16	14	14	14	14	14	15	15	14	14	14	14	14	14	14	14	15	14	14
2	14	14	12	12	13	13	13	13	13	13	13	13	14	14	14	14	13	13	14	14	15	14	14	14	13
3	14	14	13	13	14	13	13	13	13	13	13	14	14	13	14	14	13	13	15	15	14	14	15	14	14
4	15	15	15	15	15	15	14	13	16	16	18	14	14	14	13	12	13	14	14	13	13	14	14	14	14
5	15	15	15	16	18	15	12	13	14	14	14	14	0	2	0	0	0	0	1	1	2	1	0	1	8
6	14	14	14	14	14	14	14	14	14	14	14	-	15	15	14	14	15	15	15	14	14	14	14	14	14
7	14	14	13	13	13	13	13	13	13	16	14	13	14	14	13	14	13	13	13	13	13	13	13	13	13
8	14	14	13	12	12	12	12	12	13	13	14	14	13	13	13	13	12	13	12	12	12	11	12	12	13
9	13	13	13	13	13	14	13	13	12	13	13	14	14	14	13	14	14	13	13	13	14	14	14	15	13
10	14	14	14	15	14	14	16	15	15	15	14	-	15	14	14	14	15	-	15	15	15	15	-	-	15
11												- OATA UNAVAILABLE -													
12	-	-	-	-	-	-	-	-	-	-	-	13	14	14	14	12	14	14	12	13	14	14	14	14	******
13	14	13	13	12	13	13	13	13	13	-	-	-	-	-	-	-	-	-	-	14	14	15	14	14	******
14	14	14	14	15	15	15	15	15	16	16	15	14	14	14	14	14	14	14	14	14	14	13	13	13	14
15	13	14	14	14	15	15	14	14	14	14	15	15	15	15	15	15	16	16	16	16	16	17	18	18	15
16	18	17	16	16	16	16	16	16	16	16	16	16	15	16	16	17	17	15	14	14	14	14	14	14	16
17	13	13	13	13	12	12	12	13	12	12	12	12	13	14	14	14	13	13	13	13	13	13	14	14	13
18	13	13	13	13	13	14	14	14	14	13	-	14	14	13	13	12	14	14	14	14	13	14	14	14	14
19	14	14	15	15	15	14	14	15	15	16	16	16	16	15	15	14	14	14	14	14	13	13	13	13	14
20	14	14	14	14	14	15	15	15	15	15	15	15	16	16	16	16	15	16	16	16	15	15	14	15	15
21	16	16	15	14	14	14	15	14	14	15	-	****	****	****	****	****	****	****	****	****	****	****	****	****	******
22												- DATA INVALID -													
23												- DATA INVALIO -													
24												- OATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	-	15	14	14	14	13	15	15	14	14	******
28	15	14	14	13	13	12	13	14	13	14	14	15	14	14	14	14	14	15	15	15	15	16	15	16	14
29	16	15	15	15	14	14	15	16	15	15	15	15	15	14	15	15	16	16	16	17	17	16	16	16	15
30	15	14	14	14	14	14	16	16	16	16	16	14	14	14	13	13	14	15	15	15	16	16	16	16	15
31	15	17	16	15	15	15	15	16	14	15	15	15	-	-	15	14	14	14	14	14	14	14	16	13	15
MEAN	14	14	14	14	14	14	14	14	14	14	15	14	14	14	13	13	14	14	14	14	14	14	14	14	13.9

PERCENTAGE OF DATA VALIO - 72.8 PERCENTAGE OF DATA INVALID - 19.8 PERCENTAGE OF DATA UNAVAILABLE - 7.4

NOTES 1. ***** INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR	9	16.1	21	29
APR	30	23.7	41	46
MAY	28	17.3	21	31
JUN	5	13.8	15	16
JUL	6	14.9	17	24
AUG	23	15.9	18	42
SEP	20	22.9	29	46
OCT	3	15.7	16	19
NOV	14	16.6	25	41
DEC	21	13.9	16	18
YEAR	159	18.1	41	46

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22903 CHEAPSIDE RD/WALPOLE CONC 5,NANTICOKE

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	DATA UNAVAILABLE								
FEB	DATA UNAVAILABLE								
MAR	12	175	20	0	0	0	0	0	207
APR	0	352	166	188	0	0	0	0	706
MAY	0	582	100	1	0	0	0	0	683
JUN	0	120	0	0	0	0	0	0	120
JUL	0	185	3	0	0	0	0	0	188
AUG	0	562	24	2	0	0	0	0	588
SEP	1	278	117	120	0	0	0	0	516
OCT	0	134	0	0	0	0	0	0	134
NOV	0	327	30	16	0	0	0	0	373
DEC	12	530	0	0	0	0	0	0	542
YEAR	25	3245	460	327	0	0	0	0	4057

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										
	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
55.2	0	13.2	14.6	15.5	16.7	27.3	34.0	37.9	40.5	46	18.1

DNTARIO MINI5TRY DF THE ENVIRDNMENT - AIR RE5DURCE5 8RANCH

POLLUTANT - TOTAL HYDROCAR8DN5 UNIT5 - D.1 PART5/MILLION

5TATIDN - NMP NO 229D4 WALPOLE SDUTH P5 SANOU5K RD,NANTICDKE MONTH - JAN 79

HDUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	2D	21	22	23	24	MEAN
1												- DATA UNAVAILA8LE -													
2												- DATA UNAVAILA8LE -													
3												- OATA UNAVAILA8LE -													
4												- DATA UNAVAILA8LE -													
5	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6	8	8	17	8	8	8	8	8	14	******
6	8	15	8	27	34	14	8	7	6	7	6	5	25	25	25	24	24	24	24	24	24	24	24	24	18
7	32	26	27	27	28	29	3D	27	27	26	26	26	28	32	33	35	37	33	16	9	9	9	9	9	25
8	29	28	28	28	28	28	27	28	28	27	27	27	27	24	25	24	24	24	24	23	26	27	25	24	26
9	25	24	23	23	23	23	23	23	23	22	22	22	23	23	23	23	23	23	27	29	25	24	24	23	24
10	25	27	28	31	3D	26	26	24	24	25	25	25	24	24	25	25	24	23	24	25	30	34	26	26	26
11	26	39	50	45	40	31	19	31	14	26	25	8	27	25	25	26	27	33	42	38	34	41	38	31	31
12	28	26	26	26	26	27	29	29	30	3D	30	27	26	25	25	26	25	25	35	40	26	26	27	27	28
13	27	26	28	28	28	27	27	27	26	27	27	27	26	26	26	26	26	26	25	25	26	26	26	25	26
14	25	25	25	25	26	26	26	25	23	23	23	23	23	23	22	22	22	22	25	25	25	24	24	24	24
15	24	24	24	25	25	24	24	24	23	23	24	24	24	24	24	23	23	23	24	23	22	22	23	23	24
16	24	24	25	25	25	25	26	25	26	27	27	28	26	25	24	25	26	27	29	41	47	48	53	42	30
17	43	31	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALIO -													
22												- OATA INVALIO -													
23												- OATA INVALIO -													
24												- OATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- OATA INVALIO -													
28												- DATA INVALID -													
29												- DATA INVALID -													
3D												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	26	26	27	28	28	25	24	25	23	24	24	22	25	23	24	24	24	25	25	26	25	26	26	24	25.D

PERCENTAGE OF DATA VALIO - 37.2 PERCENTAGE DF OATA INVALID - 46.1 PERCENTAGE DF DATA UNAVAILA8LE - 16.7

NDTE5 1. "*****" INDICATE5 INVALID DATA DUE TO IN5TRUMENTATIDN FAILURE

2. "-" INDICATE5 DATA IS UNAVAILA8LE

3. "******" INDICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE DAY

DNTARIO MINISTRY DF THE ENVIRDNMENT - AIR RE5DRCES 8RANCH

POLLUTANT - TDTAL HYDROCAR8DN5 UNIT5 - D.1 PARTS/MILLIDN

5TATIDN - NMP ND 229D4 WALPOLE 5DUTH PS 5ANDUSK RD,NANTICOKE MDNTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	2D	21	22	23	24	MEAN
1												- DATA UNAVAILA8LE -													
2												- DATA UNAVAILA8LE -													
3	-	-	-	-	-	-	-	-	-	-	-	-	-	1D	11	11	11	11	11	11	11	12	26	13	******
4	13	13	13	12	12	12	12	11	12	11	11	1D	11	12	12	12	12	12	12	11	11	12	12	12	12
5	12	12	12	12	12	12	11	11	11	11	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12
6	11	11	11	11	11	12	11	11	12	12	12	12	11	11	11	11	11	11	11	11	11	11	11	12	11
7	12	12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	12	12	12	12	12	12	12	11	11	11	******
9	12	12	12	12	12	12	12	12	12	12	12	12	11	12	11	19	20	17	18	13	11	13	13	13	13
1D	12	12	12	12	12	12	12	12	12	12	12	12	12	11	11	12	12	12	12	13	13	14	17	3D	13
11	27	40	35	19	15	13	12	12	12	12	12	12	12	12	12	12	12	12	12	11	12	12	12	12	15
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	12
13	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	12	12	12	11	12	12	12	12	11	12
14	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	11	12	13	12
15	13	12	12	12	12	12	12	12	12	12	12	12	11	11	11	11	11	11	11	11	12	11	11	12	12
16	12	12	12	12	12	12	12	12	12	11	11	12	12	12	12	11	11	11	12	12	12	12	16	15	12
17	12	13	13	13	13	13	12	12	12	13	13	13	12	12	12	11	11	11	11	11	12	12	12	12	12
18	12	12	12	12	12	13	13	13	16	13	12	13	14	13	14	13	14	12	12	14	23	13	12	12	13
19	12	12	12	15	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	21	23	26	3D	14
20	29	24	16	51	58	48	26	13	12	14	14	14	13	13	13	12	13	13	13	14	14	21	31	29	22
21	36	38	41	34	27	15	14	13	13	13	13	13	13	13	13	12	14	13	14	2D	17	15	17	16	19
22	14	13	14	19	16	15	15	15	17	14	12	13	13	12	14	13	13	13	13	12	13	13	13	13	14
23	14	15	16	15	15	14	16	14	13	13	14	14	13	12	12	12	13	13	13	13	17	25	43	24	16
24	33	25	46	34	23	45	56	18	13	13	13	12	13	13	14	14	14	14	14	14	13	13	13	16	21
25	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	12	12	13	13	13	13	13	13	21	14
26	16	14	13	12	12	12	12	12	12	12	12	12	12	12	12	11	12	11	11	11	11	12	12	12	12
27	13	12	11	11	11	11	11	11	11	11	****	****	****	****	****	11	11	12	11	11	12	12	11	11	11
28	12	12	12	12	12	12	12	12	12	11	11	11	12	12	12	12	12	12	12	12	12	12	13	13	12
29	12	12	12	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	11	12	12	12	20	26	13
30	17	37	29	16	13	13	12	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	14
MEAN	16	16	17	16	15	15	15	13	12	12	12	12	12	12	12	12	12	12	12	12	13	13	16	16	13.7

PERCENTAGE DF DATA VALID - 85.8 PERCENTAGE DF DATA INVALID - 5.7 PERCENTAGE DF DATA UNAVAILA8LE - 8.5

NDTE5 1. "*****" INDICATE5 INVALID OATA DUE TD IN5TRUMENTATIDN FAILURE

2. "-" INDICATE5 DATA I5 UNAVAILA8LE

3. "******" INDICATE5 LE55 THAN 2/3 VALID OATA FOR DAILY MEAN IN DNE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	12	12	12	11	11	11	11	11	12	12	12	12	12	12	11	12	12	12	12	11	13	14	****	12
2	-	-	-	-	-	-	-	-	-	-	13	14	13	13	13	12	12	12	12	11	11	11	11	12	******
3	14	13	13	15	14	12	12	12	12	12	13	13	14	12	-	-	12	13	14	13	13	13	13	13	13
4	14	13	12	12	12	12	12	12	12	12	11	12	13	13	13	13	14	14	14	15	14	15	18	17	13
5	16	14	14	14	14	14	14	14	13	14	14	14	14	15	14	15	14	14	14	16	16	16	15	15	14
6	15	14	13	12	12	13	14	13	14	14	14	14	16	16	16	16	15	15	15	14	14	14	14	15	14
7	15	15	14	14	16	15	16	16	15	15	14	16	16	16	16	15	14	14	14	16	21	19	73	68	20
8	88	69	38	24	44	34	17	16	16	16	16	16	16	14	12	11	12	13	13	13	12	12	12	13	23
9	15	16	15	15	15	15	14	15	16	16	16	17	16	16	15	15	16	16	15	16	16	17	16	16	16
10	15	14	22	15	14	14	16	16	16	14	14	12	15	15	15	16	14	14	15	15	16	17	22	19	16
11	16	28	21	16	17	17	16	15	16	16	16	16	16	16	15	15	15	16	16	16	16	23	23	19	17
12	17	14	15	15	15	17	17	18	15	14	15	16	14	13	14	15	15	15	12	14	12	15	13	11	15
13	14	13	13	13	14	14	14	14	14	15	16	15	12	13	13	12	12	13	13	13	13	12	13	14	13
14	16	15	14	14	13	14	13	14	14	14	14	15	15	14	14	-	14	14	14	14	14	14	14	15	14
15	15	13	27	19	16	14	18	16	14	14	14	14	14	14	14	14	13	13	12	12	12	12	12	12	15
16	12	13	12	12	11	12	12	12	12	11	10	11	11	12	12	12	14	14	14	14	15	14	14	14	13
17	15	42	47	16	24	25	15	14	13	14	15	14	13	13	13	14	14	14	14	15	15	15	15	15	18
18	14	14	15	30	28	32	29	18	16	16	16	-	-	16	15	15	15	16	16	15	31	41	42	14	21
19	16	14	32	18	12	18	13	10	12	17	17	16	15	15	15	15	15	15	14	14	14	14	14	16	15
20	13	13	13	12	12	12	12	14	14	13	13	12	14	15	16	17	16	16	15	15	14	17	18	18	14
21	16	14	14	16	14	14	14	14	13	13	14	14	13	13	13	13	12	12	14	15	16	14	14	19	14
22	24	14	22	16	15	15	16	15	15	14	15	16	14	14	14	13	14	13	12	13	12	13	13	14	15
23	14	35	27	47	40	39	17	14	14	14	14	13	15	15	15	14	14	14	14	14	14	15	15	13	19
24	19	15	14	13	14	13	14	14	15	15	14	15	15	15	14	15	15	15	15	25	23	19	14	15	16
25	15	14	14	13	14	15	15	16	15	15	15	14	15	14	15	14	15	15	16	15	15	16	16	15	15
26	15	15	14	16	14	16	17	15	14	14	14	14	15	15	14	13	16	16	16	16	14	15	14	14	15
27	15	15	15	15	16	16	15	16	16	16	16	17	16	16	16	17	16	16	16	16	16	15	16	16	16
28	15	15	15	16	22	16	16	16	16	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
29												- OATA UNAVAILABLE -													
30												- OATA UNAVAILABLE -													
31												- OATA UNAVAILABLE -													
MEAN	18	18	18	17	17	17	15	14	14	14	14	14	14	14	14	14	14	14	14	15	15	16	18	17	15.5

PERCENTAGE OF DATA VALID - 86.3 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 13.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	12	13	13	13	13	******
2	14	14	13	12	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
3	11	11	11	11	12	11	11	13	13	12	12	13	12	12	12	12	12	12	12	12	12	12	12	12	12
4	13	13	13	13	14	14	14	14	14	15	15	13	12	12	12	11	12	12	12	13	13	13	12	12	13
5	12	14	13	25	14	18	14	14	12	12	12	12	12	12	13	13	13	13	13	12	17	12	12	12	14
6	12	11	12	11	13	12	11	13	13	14	14	14	12	12	13	13	14	14	13	12	12	18	20	23	14
7	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	13	13	12	12	13	******
9	12	13	15	30	23	27	16	14	14	14	13	14	13	13	12	13	13	14	14	13	13	13	14	12	15
10	13	12	12	11	13	14	15	15	14	14	14	13	13	14	13	13	14	14	14	14	15	13	13	12	13
11	13	12	11	12	11	10	11	12	11	10	11	11	11	11	12	12	12	12	12	12	12	14	13	15	12
12	13	12	12	13	12	12	13	13	13	12	12	12	12	12	-	12	12	13	12	12	12	13	14	13	12
13	14	12	12	13	14	12	14	13	13	13	13	13	14	14	14	14	14	14	12	14	13	12	16	14	13
14	35	25	30	18	26	16	14	13	13	14	13	14	14	14	14	13	14	14	13	13	14	14	13	13	16
15	14	14	14	16	15	15	14	16	14	16	16	15	16	14	14	13	13	13	14	14	14	14	14	14	14
16	13	13	13	14	14	13	13	14	14	14	13	13	14	14	14	14	14	14	14	14	14	15	16	17	14
17	15	16	14	16	14	14	15	14	14	15	14	14	14	14	12	13	13	14	14	14	14	14	14	14	14
18	13	13	11	12	11	11	12	13	12	12	12	12	12	12	13	14	13	14	14	14	13	13	13	14	13
19	15	14	16	18	19	16	15	14	14	13	14	14	14	14	15	14	14	14	14	14	14	14	14	13	15
20	13	13	12	13	12	20	13	14	14	13	13	13	14	14	14	14	14	14	14	14	14	13	13	13	14
21	13	12	12	11	13	12	11	11	14	13	13	14	14	13	13	14	14	14	14	15	-	-	-	-	13
22												- OATA UNAVAILABLE -													
23												- OATA UNAVAILABLE -													
24												- OATA UNAVAILABLE -													
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	13	14	16	15	13	13	******
26	14	28	37	20	34	23	19	16	15	14	14	13	13	14	14	14	15	15	14	14	15	14	16	14	17
27	14	14	14	13	14	14	15	15	14	14	15	15	15	14	14	13	14	14	14	14	14	14	14	14	14
28	13	13	14	14	15	12	13	13	14	14	14	14	13	12	13	12	13	13	13	13	14	14	14	14	13
29	18	24	20	16	16	16	15	15	15	14	14	14	14	15	14	14	15	14	14	14	13	13	12	12	15
30	14	14	14	13	13	14	14	14	14	13	13	13	13	13	13	12	14	14	13	13	13	12	13	13	13
MEAN	15	15	15	15	15	15	14	14	13	13	13	13	13	13	13	13	13	14	13	13	14	13	14	14	13.7

PERCENTAGE OF DATA VALID - 78.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 21.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	13	13	14	13	14	14	14	13	13	13	13	12	13	14	14	13	13	14	13	13	13	14	14	13
2	15	14	13	14	13	12	14	13	13	13	13	13	13	13	13	12	12	12	12	13	13	19	16	14	13
3	12	12	11	13	15	13	14	13	12	13	14	14	13	12	14	12	13	13	13	14	15	14	20	31	14
4	17	23	25	25	26	18	20	21	13	14	13	14	14	14	13	12	12	12	16	16	18	16	14	12	17
5	13	13	12	13	13	12	12	12	13	13	14	14	15	13	-	14	13	12	13	14	13	16	13	13	13
6	12	12	12	12	12	14	13	13	13	14	14	14	14	14	14	13	14	14	14	14	14	16	17	13	14
7	16	29	35	28	24	28	20	18	13	14	14	14	13	14	14	14	14	15	15	13	14	24	46	18	19
8	29	28	26	39	46	62	34	16	14	13	13	14	14	14	14	14	13	14	14	14	14	14	48	72	25
9	53	31	26	32	19	22	14	14	14	13	14	14	14	14	14	14	14	14	15	17	16	13	14	12	18
10	12	13	13	14	14	14	13	14	14	13	14	14	13	13	13	13	13	14	14	14	13	13	13	14	13
11	12	13	14	14	14	14	14	15	15	15	15	14	15	14	14	14	14	15	14	14	14	16	17	15	14
12	15	14	16	19	15	13	14	14	14	14	14	15	14	14	14	14	14	14	14	16	16	16	16	17	15
13	24	25	27	32	22	18	22	15	16	14	14	14	14	14	14	13	13	13	14	14	14	14	15	26	18
14	20	18	29	18	21	35	29	18	20	15	14	14	14	14	14	14	14	14	13	14	14	14	16	16	18
15	16	15	15	16	16	16	15	15	16	15	14	14	14	14	14	14	14	14	13	14	14	14	14	15	15
16	16	18	16	18	23	22	24	17	14	14	14	14	14	14	14	14	14	14	14	14	14	14	16	16	16
17	12	12	13	14	14	27	15	14	14	14	12	13	14	14	14	14	14	14	14	15	21	16	31	14	15
18	20	20	13	12	13	13	13	14	14	15	15	15	-	-	-	-	-	-	-	-	-	-	-	-	******
19												- DATA UNAVAILABLE -													
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	14	14	14	15	16	24	******
21	18	39	34	40	21	21	20	17	18	14	14	14	13	14	14	14	14	14	14	14	15	16	16	18	19
22	16	15	14	14	17	24	23	16	14	14	14	14	12	13	13	14	14	14	12	13	13	30	22	52	17
23	31	53	42	37	41	28	24	24	17	16	16	15	15	15	14	14	14	13	13	15	14	14	13	13	21
24	14	14	14	12	13	14	13	13	14	15	15	14	13	13	13	-	13	13	13	13	13	13	13	13	13
25	13	13	13	13	12	13	13	14	14	13	14	14	13	14	-	15	15	15	15	14	15	15	15	14	14
26	14	14	14	14	14	14	14	15	17	-	14	15	14	14	14	14	16	15	15	16	15	15	15	15	15
27	14	16	17	15	16	16	16	16	14	14	14	14	15	15	15	14	-	14	15	15	18	23	34	32	17
28	20	36	43	24	19	16	16	18	15	16	16	16	15	15	14	12	15	15	16	15	16	18	18	16	18
29	16	16	19	18	17	17	18	17	15	14	14	15	14	14	14	14	14	14	14	14	16	15	16	20	16
30	22	26	28	34	24	35	25	24	17	16	15	15	14	14	14	14	15	15	15	15	18	20	16	16	19
31	16	16	16	15	15	16	16	16	16	17	-	17	15	15	15	14	14	14	15	15	15	15	15	15	15
MEAN	18	20	20	20	19	20	18	16	15	14	14	14	14	14	14	14	14	14	14	14	15	16	19	20	16.2

PERCENTAGE OF DATA VALID - 92.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 7.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	39	23	25	24	16	16	16	15	16	14	14	14	14	-	-	11	9	9	9	10	13	12	12	13	16
2	11	12	12	10	9	8	10	10	10	10	10	10	9	9	8	10	10	10	9	9	9	9	9	9	10
3	11	10	10	10	11	10	10	10	10	10	-	10	11	11	10	10	10	10	10	11	12	12	12	12	11
4	12	12	10	10	11	11	12	13	12	12	12	11	11	11	11	11	11	11	11	11	10	10	11	12	11
5	14	11	11	10	10	10	11	9	9	9	9	9	10	10	10	10	10	10	10	10	10	14	12	11	10
6	12	11	11	10	10	10	9	9	9	8	8	9	9	9	-	9	9	10	10	10	10	12	30	24	11
7	27	22	11	10	10	10	10	10	11	11	11	10	10	-	11	11	11	11	11	-	-	-	-	-	12
8												- DATA UNAVAILABLE -													
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	10	10	11	11	11	11	11	******
10	10	10	10	11	10	10	9	9	9	10	10	9	10	10	9	10	10	10	10	10	10	10	10	10	10
11	11	11	12	14	20	15	12	11	11	10	10	10	11	10	10	10	10	11	11	13	12	12	12	12	12
12	25	43	15	20	16	14	16	17	12	10	10	10	11	11	11	10	11	11	11	19	18	26	31	31	17
13	17	25	29	31	35	29	20	14	13	10	10	10	10	10	10	10	10	10	9	9	10	10	10	10	15
14	11	10	10	10	11	11	10	11	10	9	9	10	10	-	-	10	10	9	9	9	9	9	9	9	10
15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11	10	10
16	11	11	10	10	10	11	11	11	12	11	10	10	10	10	10	10	10	12	12	12	12	12	12	12	11
17	39	17	17	22	28	24	19	13	12	10	9	10	10	10	-	10	10	10	10	10	10	10	14	10	15
18	12	12	11	11	11	10	10	10	10	10	10	12	12	11	11	11	11	10	10	10	12	11	11	12	11
19	17	11	11	11	12	12	14	16	15	13	11	11	11	11	10	10	10	11	10	10	10	11	11	21	12
20	29	42	35	32	25	50	26	12	11	10	10	10	11	10	10	10	10	10	10	35	10	10	9	10	18
21	44	52	12	11	12	16	13	12	10	10	10	-	10	10	9	9	9	9	9	22	34	76	14	27	19
22	15	33	27	38	29	12	12	12	11	11	10	10	11	10	10	-	-	9	9	9	9	14	18	10	15
23	10	9	9	9	9	10	10	10	10	10	9	9	11	11	-	11	11	10	10	10	10	10	10	10	10
24	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	10	9	10
25	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
26												- DATA UNAVAILABLE -													
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	9	9	11	9	58	******
28	12	10	35	42	29	18	16	17	11	11	11	11	10	10	10	8	8	7	7	7	7	7	-	-	14
29												- DATA INVALID -													
30												- DATA INVALID -													
31	****	****	****	****	****	****	****	****	****	****	****	****	****	10	10	10	10	12	9	25	47	42	29	38	******
MEAN	18	18	15	16	15	15	13	12	11	10	10	10	10	10	10	10	10	10	10	12	13	15	14	16	12.7

PERCENTAGE OF DATA VALID - 75.5 PERCENTAGE OF DATA INVALID - 6.2 PERCENTAGE OF DATA UNAVAILABLE - 18.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	35	22	16	32	48	54	35	13	10	10	10	10	11	11	11	11	11	11	10	10	11	11	10	10	18
2	10	10	11	12	12	12	13	12	12	12	12	12	10	10	10	9	9	9	9	9	9	9	9	8	10
3	10	10	10	10	11	10	10	10	10	10	9	9	10	10	10	10	10	10	10	15	11	16	13	10	11
4	11	11	11	11	11	11	12	10	11	10	11	10	-	-	14	14	14	13	13	14	14	13	14	17	12
5	16	16	16	14	15	15	16	16	16	15	15	14	14	-	-	-	13	14	13	14	15	14	14	15	15
6	14	14	17	16	17	15	1E	16	16	14	14	13	14	14	13	14	14	14	12	13	13	13	13	13	14
7	14	14	14	14	14	14	14	14	12	12	13	13	13	14	14	13	14	15	15	16	14	14	14	15	14
8	14	14	14	15	15	16	16	16	14	14	14	14	14	14	14	14	14	15	14	16	16	16	17	18	15
9	18	17	17	17	14	16	16	15	15	15	14	14	13	14	14	14	13	15	15	16	14	14	14	14	15
10	14	14	14	14	13	14	14	14	15	15	15	14	13	14	14	14	14	14	14	14	13	13	15	16	14
11	16	16	15	16	15	15	16	16	15	15	15	15	14	14	14	14	14	14	14	16	14	14	14	17	15
12	16	16	15	15	16	18	18	15	14	14	14	14	15	15	15	14	14	14	14	15	14	14	14	15	15
13	15	15	15	15	15	16	16	16	15	16	16	15	15	15	14	14	14	15	15	15	14	14	13	13	15
14	13	13	13	13	14	14	14	14	16	16	15	14	14	14	-	13	13	13	13	14	14	14	14	15	14
15	16	15	15	16	16	16	16	16	14	14	14	14	12	13	13	14	13	14	16	16	14	15	15	15	15
16	15	16	16	16	16	16	16	15	15	14	14	13	14	14	14	14	14	14	14	14	14	14	14	14	15
17	14	14	14	14	14	14	14	14	14	14	-	14	14	14	14	14	14	14	14	14	14	14	14	14	14
18	13	13	13	13	13	13	13	13	13	12	13	13	14	14	14	14	14	14	14	14	14	14	14	14	13
19	13	13	13	13	13	14	13	13	14	14	14	14	13	13	14	14	14	14	14	15	15	15	15	16	14
20	17	17	20	19	16	18	19	18	14	13	14	14	13	13	13	13	13	13	13	13	13	13	13	13	15
21	14	14	14	14	14	14	14	15	14	14	16	15	15	14	14	13	13	13	14	14	14	15	14	14	14
22	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	13	14	14	16	15	16	16	16	15	14
23	15	16	18	18	18	16	16	16	16	16	16	16	14	14	14	13	13	14	14	14	15	14	15	15	15
24	15	15	15	16	15	16	16	15	15	14	14	14	14	14	14	14	14	14	14	14	18	20	23	24	16
25	17	15	15	14	14	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	13	15	14	16	14
26	18	15	14	17	17	16	15	14	14	13	13	13	13	13	13	13	14	14	14	15	16	14	17	21	15
27	20	19	33	36	29	30	28	25	19	14	13	14	14	14	14	14	14	14	14	15	22	17	15	15	19
28	14	14	14	14	14	15	-	-	-	-	-	-	-	-	-	14	14	15	15	16	15	16	16	18	******
29	19	18	18	17	16	19	16	17	16	13	13	14	14	14	14	14	14	14	14	14	17	21	26	23	16
30	24	24	20	18	17	22	23	18	16	15	14	13	15	15	14	14	14	14	15	15	18	17	17	18	17
MEAN	16	15	15	16	16	17	16	15	14	14	14	13	13	14	13	13	13	14	14	14	14	15	15	15	14.6

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	16	19	20	15	16	14	14	15	15	14	15	14	12	-	12	12	14	14	14	14	14	14	14	15
2	14	14	14	15	15	15	15	15	15	15	15	16	16	16	15	16	16	15	14	14	14	14	14	14	15
3	15	15	15	15	15	14	14	14	14	16	15	15	15	14	14	16	16	15	15	15	15	15	15	15	15
4	14	14	15	16	13	13	16	16	14	14	-	14	14	14	14	14	14	14	14	14	14	14	14	14	14
5	14	14	15	15	15	15	15	15	15	14	14	12	13	14	14	14	14	14	14	14	16	15	13	13	14
6	15	15	14	14	14	14	14	14	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
7	15	14	15	16	16	15	15	15	15	15	15	15	-	-	14	14	14	14	13	14	14	14	14	14	15
8	14	14	14	16	14	15	14	14	14	14	13	14	13	14	14	14	15	15	16	16	16	15	15	15	15
9	16	16	16	17	16	16	15	15	16	15	15	15	15	15	14	14	14	14	15	14	14	16	16	18	15
10	16	17	21	22	20	18	19	17	15	14	13	14	13	14	-	14	14	14	14	17	17	15	15	15	16
11	17	17	16	16	16	16	19	20	17	15	15	16	15	15	15	14	14	14	14	14	14	14	13	14	15
12	15	14	14	15	15	15	15	15	15	15	16	16	15	15	14	14	14	14	15	16	16	16	15	14	15
13	15	14	14	14	14	15	14	14	14	16	16	15	14	14	14	14	15	15	15	15	15	15	15	16	15
14	14	14	14	15	14	14	16	16	14	14	14	14	15	15	15	15	15	16	15	15	15	15	15	15	15
15	16	17	17	15	16	16	16	16	15	15	15	15	16	16	16	16	16	15	15	15	15	16	17	19	16
16	19	15	15	15	16	16	16	16	16	16	15	15	14	16	15	15	14	15	15	16	16	16	18	18	16
17	17	21	21	19	18	17	16	17	16	16	17	15	16	16	14	15	16	16	15	16	16	17	17	15	17
18	17	16	17	14	14	13	12	13	15	15	14	14	15	14	15	14	15	15	14	14	15	14	15	16	15
19	14	14	14	14	14	14	14	15	15	15	15	15	16	16	-	16	16	16	16	15	16	15	16	16	15
20	14	14	16	15	15	15	15	15	14	14	14	14	14	14	15	14	14	14	14	14	15	15	14	15	14
21	14	14	16	15	15	15	14	14	15	15	14	15	14	14	14	14	13	13	13	14	15	15	15	15	14
22	14	14	14	15	15	15	14	16	16	16	16	14	14	14	14	14	15	14	14	14	14	13	13	13	14
23	14	14	13	13	13	13	13	13	13	13	13	13	14	14	13	13	13	13	13	13	13	13	13	13	13
24	14	14	14	14	14	14	14	14	14	15	14	15	14	-	14	14	14	14	14	14	14	14	14	14	14
25	15	15	15	14	14	14	14	15	14	14	14	14	15	16	15	15	15	15	16	16	16	16	16	16	15
26	16	14	14	14	14	15	15	15	15	14	-	-	12	14	16	16	15	15	15	15	15	15	15	15	15
27	16	15	14	15	16	17	14	14	15	15	14	13	15	14	14	15	15	15	15	14	15	14	14	15	15
28	16	16	16	15	16	15	15	15	15	15	16	16	14	14	14	14	15	14	14	15	16	17	17	18	15
29	15	15	15	15	15	15	15	15	14	14	14	-	12	14	14	15	15	15	16	17	18	16	16	16	15
30	16	15	17	18	17	17	16	15	15	15	14	15	15	15	14	14	14	15	15	15	15	14	14	16	15
31	16	16	16	15	15	15	16	16	15	15	15	15	16	15	15	15	15	15	14	16	16	15	14	14	15
MEAN	15	15	15	16	15	15	15	15	15	15	15	15	14	15	14	14	15	15	15	15	15	15	15	15	14.9

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	13	15	14	15	14	15	15	16	14	13	14	14	-	14	14	14	14	14	14	14	13	13	14
2	14	12	12	14	14	14	14	14	14	14	13	12	13	13	13	13	14	14	14	14	16	17	14	12	14
3	13	13	14	18	17	16	14	13	13	14	14	14	13	13	12	12	13	14	12	12	12	16	15	14	14
4	14	14	14	16	16	14	14	15	15	14	13	12	13	13	13	14	14	15	12	12	11	14	14	15	14
5	15	17	16	16	17	17	18	18	18	12	12	13	14	14	14	15	12	12	16	17	12	17	18	18	15
6	17	17	17	18	19	18	17	18	18	17	16	16	15	15	15	16	16	15	15	14	14	15	14	14	16
7	15	14	13	14	15	15	13	12	12	11	12	13	13	13	13	13	-	12	14	14	13	15	14	13	13
8	12	12	13	13	13	12	13	13	12	13	13	13	13	12	12	13	13	13	12	13	12	13	14	15	13
9	14	14	21	20	17	15	14	16	16	15	14	13	14	14	-	****	****	****	****	****	****	****	****	****	******
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16	****	****	****	****	****	****	****	****	****	****	****	****	****	23	-	34	13	14	12	14	13	13	14	13	******
17	13	13	13	14	14	14	14	14	13	14	14	14	14	13	13	13	13	13	14	19	23	17	18	16	15
18	17	38	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	21	19	14	12	11	16	15	******
20	14	14	14	17	17	17	17	17	17	14	14	14	14	15	15	14	14	14	16	18	14	15	19	19	16
21	19	16	15	17	15	15	14	14	14	13	13	12	15	15	15	14	14	14	15	15	15	17	16	16	15
22	15	17	14	14	14	14	14	14	14	13	13	13	14	14	13	13	13	15	15	14	14	14	14	14	14
23	13	13	13	14	14	14	16	16	17	18	16	15	14	14	14	14	14	15	14	15	13	14	15	17	15
24	14	14	14	14	12	12	15	15	15	15	15	14	15	15	15	14	14	14	14	14	14	15	16	18	14
25	23	25	22	20	22	22	21	19	17	15	16	15	16	16	16	15	15	15	15	16	16	15	15	15	18
26	15	14	14	14	14	14	14	14	12	13	14	13	14	14	14	13	13	13	13	13	13	10	14	14	13
27	14	13	14	15	15	15	13	12	12	14	14	14	14	14	14	13	13	15	16	15	15	16	15	15	14
28	16	16	16	16	16	15	14	15	14	14	14	15	-	13	13	14	13	13	13	13	12	12	12	12	14
29	14	14	14	13	13	13	14	14	13	12	12	12	14	13	13	14	14	13	14	12	12	12	12	12	13
30	13	13	12	14	13	13	12	12	12	14	13	12	12	13	13	12	13	12	14	14	14	14	14	14	13
MEAN	15	16	15	16	15	15	15	15	14	14	14	13	14	14	14	15	14	14	14	14	14	14	15	15	14.5

PERCENTAGE OF DATA VALID - 71.1 PERCENTAGE OF DATA INVALID - 23.1 PERCENTAGE OF DATA UNAVAILABLE - 5.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	15	15	13	14	14	14	14	13	13	13	13	13	14	14	14	13	13	13	13	14	14	14	13	14
2	15	15	14	14	14	14	13	14	14	11	12	12	13	13	12	14	13	14	15	17	13	14	14	13	14
3	16	16	14	16	15	14	15	14	14	15	12	12	14	13	13	-	14	14	14	14	14	14	14	13	14
4	14	14	14	14	14	14	14	14	14	14	14	15	14	14	13	13	13	13	13	13	15	14	13	14	14
5	12	13	13	13	14	14	13	13	13	14	13	14	13	13	13	14	13	14	14	14	14	13	12	13	13
6	14	14	14	14	14	14	14	14	14	14	14	15	15	14	13	13	13	14	14	14	14	14	14	14	14
7	14	15	16	14	14	14	13	13	12	13	12	12	13	12	12	12	12	12	12	12	13	13	13	13	13
8	14	13	13	13	14	14	14	14	14	14	14	15	15	15	14	14	14	14	14	14	14	14	15	15	14
9	14	14	14	14	14	14	14	14	14	14	14	13	12	12	12	13	13	13	13	14	14	14	14	14	14
10	14	14	15	19	18	18	18	16	15	14	14	13	14	14	-	12	14	14	14	14	14	14	14	14	15
11	16	14	14	14	15	14	14	14	14	14	14	14	13	13	13	13	13	14	14	13	13	13	13	13	14
12	12	12	13	13	13	13	13	13	14	15	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14
13	13	14	14	14	14	14	14	14	14	14	14	14	14	15	15	14	14	14	13	13	13	13	13	12	14
14	13	13	14	14	16	14	14	14	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	13	14
15	13	14	14	14	18	22	19	14	13	13	14	14	13	13	13	14	14	14	14	14	15	16	17	16	15
16	14	14	14	14	14	14	14	14	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
17	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	-	12	13	13	12	12	12	14	14
18	12	12	12	13	13	13	14	14	13	13	13	13	13	13	-	-	-	-	-	-	-	-	-	-	******
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	13	13	13	12	12	12	******
20	12	13	13	14	14	13	13	14	15	15	14	14	13	14	14	14	14	14	14	14	16	14	13	13	14
21	12	13	13	13	13	13	13	13	13	13	12	13	13	12	12	13	13	13	14	14	14	14	13	14	13
22	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	15	16	17	16	16	14
23	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	14	13	14	14	16	14
24	17	16	18	17	14	13	14	13	14	14	14	13	-	12	13	12	13	14	16	16	16	15	14	15	14
25	13	14	14	14	14	14	14	15	15	15	15	15	13	14	14	14	14	14	14	14	14	14	14	15	14
26	14	14	13	13	13	14	14	14	14	14	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14
27	13	12	13	13	13	13	13	13	13	13	13	13	14	14	13	-	12	13	12	12	12	13	13	13	13
28	13	13	12	12	13	13	13	13	13	13	13	13	12	12	12	12	12	12	13	13	13	13	14	14	13
29	14	14	13	13	12	12	13	13	13	13	13	13	12	12	12	12	13	14	14	14	14	14	14	14	13
30	12	12	12	13	13	13	13	13	13	14	14	12	13	13	13	14	14	13	13	13	14	15	13	13	13
31	16	14	14	12	15	15	13	14	15	13	14	-	13	13	12	12	12	13	13	13	14	14	14	14	14
MEAN	14	14	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	14	14	14	14	14	14	14	13.7

PERCENTAGE OF DATA VALID - 95.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 4.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	11	25.0	31	53
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR	25	13.7	22	58
MAY	26	15.5	23	88
JUN	23	13.7	17	37
JUL	28	16.2	25	72
AUG	23	12.7	19	76
SEP	29	14.6	19	54
OCT	31	14.9	17	22
NOV	20	14.5	18	38
DEC	29	13.7	15	22
YEAR	245	14.9	31	88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22904 WALPOLE SOUTH PS SANDUSK RD,NANTICOKE

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	23	7	216	31	0	0	0	0	277
FEB	DATA UNAVAILABLE								
MAR	DATA UNAVAILABLE								
APR	2	575	24	17	0	0	0	0	618
MAY	2	602	20	14	4	0	0	0	642
JUN	2	547	15	3	0	0	0	0	567
JUL	0	597	58	28	2	0	0	0	685
AUG	311	198	29	23	1	0	0	0	562
SEP	44	633	20	7	0	0	0	0	704
OCT	0	726	8	0	0	0	0	0	734
NOV	1	496	13	2	0	0	0	0	512
DEC	0	710	1	0	0	0	0	0	711
YEAR	385	5091	404	125	7	0	0	0	6012

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
81.9	5	10.8	12.5	13.4	14.3	17.7	24.7	30.8	38.3	88	14.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 2290S NANTICOKE RD/WALPOLE CONC S.NANTICOKE MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9	-	-	-	-	-	-	-	-	-	-	-	-	-	19	18	19	17	18	20	18	18	18	19	18	******
10	20	21	18	16	16	16	17	18	19	18	18	18	20	20	18	19	20	21	20	20	21	20	20	22	19
11	20	20	20	18	20	20	21	20	21	20	19	21	19	21	22	20	20	20	22	21	22	20	22	21	20
12	21	22	21	22	24	22	22	20	18	20	20	20	21	20	19	20	17	18	17	18	18	20	19	21	20
13	23	20	21	20	21	22	21	19	20	17	18	15	20	20	19	22	20	20	21	21	20	19	20	20	20
14	20	21	18	20	21	20	20	21	20	21	18	24	18	20	21	****	18	17	17	16	16	16	16	16	19
15	16	16	16	16	16	16	15	15	16	16	16	16	18	18	18	18	18	17	17	18	18	18	18	16	17
16	17	17	18	18	18	16	17	18	18	18	17	18	18	18	18	18	18	18	18	19	18	19	19	18	18
17	18	18	20	20	19	20	20	18	17	16	16	18	16	16	17	17	16	18	16	17	18	18	18	18	18
18	19	20	19	19	18	19	18	18	19	19	18	20	19	19	18	18	18	18	18	18	19	18	18	18	19
19	18	18	18	18	18	17	18	18	16	15	14	16	16	18	17	17	17	17	17	18	18	18	18	18	17
20	19	22	23	21	23	24	22	21	18	17	15	18	17	17	17	17	18	18	19	19	21	19	19	18	19
21	18	20	19	20	20	20	20	20	17	16	14	15	18	16	16	17	16	18	18	19	18	18	18	19	18
22	20	19	19	20	21	20	20	19	17	16	15	14	16	16	15	14	15	16	16	18	17	18	18	18	17
23	17	16	17	16	18	17	18	17	18	17	18	16	18	18	19	18	18	17	17	18	16	18	18	18	17
24	17	17	16	16	17	16	16	16	17	17	18	18	15	15	-	-	17	17	18	18	17	18	18	18	17
25	18	18	18	18	18	19	19	19	17	18	16	16	17	17	18	16	17	17	17	18	18	18	18	19	18
26	21	22	23	21	22	22	24	23	20	20	18	19	20	20	18	17	18	18	19	-	-	-	-	-	20
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	16	16	16	17	19	20	20	******
28	21	24	24	22	22	22	20	19	19	20	19	18	17	16	-	18	16	17	17	17	18	17	17	17	19
29	18	18	18	16	16	16	16	17	16	16	17	16	17	16	15	16	16	16	13	13	13	12	12	12	15
30	17	17	17	17	17	17	17	17	16	15	15	16	16	16	16	16	16	16	16	17	17	18	18	20	17
31	20	19	19	19	19	20	18	18	17	17	-	15	15	16	16	15	15	15	16	18	18	20	21	20	18
MEAN	19	19	19	19	19	19	19	19	18	18	17	17	18	18	18	18	17	18	18	18	18	18	18	18	18.2

PERCENTAGE OF DATA VALID - 69.0 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 28.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 2290S NANTICOKE RD/WALPOLE CONC S.NANTICOKE MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	25	24	25	29	22	24	21	19	18	17	17	16	16	16	16	15	15	16	17	17	16	16	16	19
2	15	15	15	16	15	16	16	16	16	17	16	16	18	17	16	16	16	16	16	16	16	16	16	15	16
3	16	16	16	16	17	18	17	17	16	17	15	16	16	15	16	16	16	16	16	16	18	18	17	16	16
4	17	17	16	16	16	18	19	17	16	16	16	16	16	16	14	16	15	15	13	15	18	18	18	19	16
5	20	18	18	17	17	16	16	16	17	14	14	14	14	14	13	13	14	14	15	15	16	16	16	17	16
6	18	20	19	18	19	20	20	17	17	17	16	16	14	-	-	17	17	18	18	18	18	18	18	18	18
7	20	20	20	20	19	18	18	18	18	17	18	17	17	17	-	-	-	-	-	-	-	-	-	-	******
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	20	20	20	20	20	20	******
12	20	20	19	19	20	20	20	20	20	19	17	18	17	17	17	15	17	16	16	18	18	18	19	20	18
13	21	21	20	21	22	21	21	21	21	21	20	20	20	21	20	20	21	21	22	22	20	20	18	19	21
14	18	20	20	19	18	18	19	18	18	19	19	19	19	18	18	18	18	19	20	20	20	20	20	20	19
15	19	18	18	18	18	19	19	19	20	20	20	20	20	20	21	20	20	21	22	22	22	22	22	22	20
16	22	21	20	19	20	20	20	20	20	20	19	19	20	20	19	19	20	20	20	20	21	21	20	21	20
17	21	20	20	21	21	21	21	21	21	20	20	21	21	21	20	20	20	20	20	20	21	21	21	21	21
18	20	20	21	22	21	22	22	21	20	19	20	19	18	19	19	18	19	20	19	20	20	19	20	20	20
19	21	21	20	19	19	19	20	19	19	20	20	19	20	20	20	20	-	20	20	21	21	20	20	20	20
20	20	22	21	20	22	24	30	32	21	19	-	19	20	20	-	-	20	19	18	18	19	19	20	20	21
21	20	20	20	20	19	19	19	19	19	19	20	20	19	18	18	18	18	18	17	19	19	18	18	17	19
22	18	18	18	18	17	16	17	17	17	17	17	18	19	20	19	18	18	18	18	18	18	18	18	19	18
23	20	19	17	17	17	18	18	19	19	18	19	19	18	18	18	18	18	18	18	19	20	18	18	18	18
24	19	19	19	19	19	19	20	21	22	21	20	19	18	18	18	18	19	17	18	19	19	23	20	22	19
25	20	20	18	18	19	20	19	20	20	18	20	20	-	19	20	19	18	18	19	19	19	20	20	20	19
26	20	20	20	19	20	20	20	19	19	19	17	18	16	17	18	17	18	17	18	19	20	20	19	21	19
27	24	20	20	21	21	25	25	20	19	19	17	19	18	18	18	18	18	19	20	23	21	23	23	24	21
28	20	20	20	19	21	21	20	20	20	20	20	20	20	20	21	20	20	21	22	22	24	25	22	23	21
29	25	22	22	22	22	21	21	22	21	18	18	18	18	19	19	19	19	20	20	22	22	24	26	30	21
30	30	27	24	21	21	21	22	22	21	21	20	20	18	19	20	20	20	19	20	20	20	22	26	23	22
MEAN	20	20	19	19	20	20	20	20	19	19	18	18	18	18	18	18	18	18	19	19	20	20	20	20	19.1

PERCENTAGE OF DATA VALID - 85.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 14.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC S,NANTICOKE MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	23	24	22	22	22	20	20	20	20	21	21	19	17	-	20	20	21	22	23	22	22	22	22	21
2	22	22	22	21	22	22	23	23	22	22	22	21	22	22	20	19	22	19	20	20	19	19	19	21	21
3	21	20	19	20	21	22	21	21	22	22	21	21	22	21	20	22	21	21	21	21	20	21	22	22	21
4	22	22	21	22	21	20	21	22	21	21	21	20	18	21	21	21	21	21	21	21	21	22	21	21	21
5	21	21	21	20	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	20	20	19	19	20	20	20	22	20	******
10	20	21	23	20	25	29	34	23	20	18	18	18	18	18	18	18	18	18	18	19	19	20	19	19	20
11	20	19	20	19	18	18	23	22	22	21	20	20	21	20	20	20	22	21	20	20	19	18	18	19	20
12	18	19	19	19	19	20	20	20	20	20	20	20	20	20	20	21	21	21	20	20	20	20	20	19	20
13	17	18	19	20	20	20	20	21	21	21	20	20	18	19	20	20	20	20	20	20	20	20	20	20	20
14	18	18	20	20	19	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
15												- DATA UNAVAILABLE -													
16	-	-	-	-	-	-	-	-	-	-	-	22	22	21	22	23	23	23	23	22	23	23	23	24	******
17	25	24	24	23	23	23	22	22	23	23	23	23	22	22	22	23	23	24	26	25	24	24	25	25	23
18	23	22	22	22	22	24	21	20	20	20	19	21	21	22	22	21	22	22	22	21	20	20	20	21	21
19	22	21	21	21	21	21	21	21	21	23	24	24	24	24	22	22	21	22	21	21	22	22	21	21	22
20	22	22	22	22	23	22	22	22	22	22	22	21	21	21	21	21	20	20	22	20	20	22	21	22	21
21	22	22	20	21	21	19	19	21	21	19	18	18	21	20	20	20	19	20	20	21	19	20	21	21	20
22	22	20	21	21	21	21	22	22	22	-	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	21	21	21	21	21	21	22	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21.0

PERCENTAGE OF DATA VALID - 47.7 PERCENTAGE OF DATA INVALID - 30.9 PERCENTAGE OF DATA UNAVAILABLE - 21.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC S,NANTICOKE MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	19	19	20	19	18	20	20	18	******
3	20	20	20	19	19	20	21	20	20	21	21	21	22	21	23	20	20	19	19	20	20	20	19	18	20
4	20	20	21	20	20	19	19	20	19	19	20	20	22	21	20	19	18	19	19	19	19	19	19	22	20
5	28	28	30	28	25	23	27	28	27	23	21	22	22	22	22	21	22	23	23	28	23	24	24	24	25
6	24	24	28	27	25	26	25	25	-	-	23	23	23	23	22	21	21	20	20	20	20	19	19	21	23
7	23	22	20	20	19	19	20	19	18	18	18	18	21	20	19	17	18	19	19	19	18	20	20	19	19
8	19	18	18	17	16	17	18	16	18	18	17	17	16	18	19	17	17	17	17	18	19	18	17	20	18
9	20	21	21	24	24	23	23	23	22	21	20	20	19	20	20	20	20	19	20	20	19	19	19	18	21
10	22	22	22	22	20	20	20	20	20	21	20	19	20	20	20	19	19	20	19	18	18	17	17	18	20
11	21	21	20	18	18	18	18	19	21	20	20	20	18	19	19	19	20	19	18	20	19	18	18	19	19
12	19	18	18	19	19	19	20	20	20	20	20	20	19	19	19	20	20	19	21	20	20	20	21	20	20
13	20	19	19	19	18	20	20	19	19	21	20	19	20	21	20	20	19	19	19	19	20	19	18	18	19
14	20	19	20	20	21	20	19	19	18	20	20	20	20	20	20	19	20	20	20	20	18	19	20	20	20
15	19	19	20	20	19	19	19	20	19	19	19	18	18	18	18	18	19	19	18	18	18	18	18	18	19
16	21	20	18	18	18	16	16	16	18	17	19	19	18	19	18	18	18	18	17	16	16	16	16	17	18
17	18	18	18	18	18	18	18	19	18	18	18	19	20	20	20	20	19	22	20	22	22	23	28	28	20
18	28	26	22	21	22	22	21	21	30	25	22	21	22	22	20	20	19	20	20	23	25	24	23	22	23
19	22	22	24	24	25	24	23	25	28	26	24	23	21	22	21	22	22	25	28	23	21	20	20	19	23
20	19	20	20	19	18	18	22	22	22	22	23	22	22	22	21	22	-	21	19	19	18	18	20	20	20
21	19	19	17	16	18	18	17	18	17	16	16	16	18	18	20	20	20	19	19	20	20	20	21	22	19
22	19	19	19	18	18	19	20	20	19	19	19	18	20	20	20	18	·	20	20	20	20	21	20	18	19
23	21	21	21	21	22	22	22	22	22	22	22	22	22	22	20	19	19	19	21	22	22	22	23	23	21
24	21	20	20	22	22	21	20	21	20	21	20	20	19	20	20	20	20	21	21	20	21	23	23	23	21
25	27	26	26	27	24	22	23	21	21	22	22	21	19	20	21	20	20	21	21	21	19	20	20	22	22
26	22	21	19	19	20	19	20	20	19	18	18	18	20	19	19	20	18	18	16	17	17	18	20	21	19
27	20	19	20	20	20	20	21	21	20	20	20	20	21	20	21	20	20	21	26	22	21	20	21	18	21
28	21	20	18	19	20	21	19	17	19	19	19	19	18	18	17	18	18	18	20	21	21	19	18	16	19
29	19	18	18	19	19	18	18	18	18	19	18	20	19	19	18	19	18	18	18	18	18	17	17	17	18
30	19	19	19	18	18	18	17	19	18	19	20	19	17	17	18	18	18	19	18	18	18	18	18	18	18
MEAN	21	21	21	20	20	20	20	20	20	20	20	20	20	20	20	19	19	20	20	20	20	20	20	20	20.0

PERCENTAGE OF DATA VALID - 93.9 PERCENTAGE OF DATA INVALID - 5.4 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 2290S NANTICOKE RD/WALPOLE CONC S.NANTICOKE MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	19	19	18	18	17	18	18	18	18	18	18	20	19	19	20	18	18	18	19	20	20	20	20	19
2	20	20	20	19	18	20	21	20	18	19	20	21	20	20	20	20	18	18	19	18	19	18	18	18	19
3	18	18	18	18	20	19	19	18	20	20	19	19	19	20	-	18	18	17	17	17	17	17	17	17	18
4	17	17	18	18	18	18	18	18	18	19	19	18	19	20	19	18	18	18	18	18	18	18	18	18	18
5	18	19	18	18	18	18	20	20	20	20	19	19	20	20	20	20	20	19	20	20	20	20	20	21	19
6	20	19	19	19	19	20	20	20	20	20	19	20	20	19	19	19	19	18	18	18	18	18	18	18	19
7	20	19	18	19	19	20	20	19	18	18	18	18	18	18	18	18	18	18	18	17	18	17	17	18	18
8	18	18	18	18	18	18	18	18	18	18	18	18	19	18	17	17	17	18	18	18	18	18	18	18	18
9	20	19	19	20	20	19	19	19	19	19	18	19	18	18	18	18	18	18	18	18	18	19	19	20	19
10	21	20	19	19	20	20	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
11	-	-	-	-	-	-	-	-	-	-	-	-	-	****	****	18	20	20	18	20	20	21	-	-	******
12												- DATA UNAVAILABLE -													
13	-	-	-	-	-	-	-	-	-	-	-	-	20	20	20	20	18	19	19	19	20	18	18	18	******
14	16	19	19	20	19	19	19	20	19	19	19	19	19	19	19	18	19	20	19	19	19	19	19	20	19
15	19	20	20	20	22	24	24	20	18	19	20	19	18	18	20	20	20	19	20	20	20	22	23	21	20
16	20	20	20	20	20	21	20	22	20	21	21	21	20	21	20	21	20	20	18	18	18	18	18	18	20
17	18	18	18	18	18	18	18	18	18	17	18	18	17	16	17	18	18	18	18	19	18	18	19	18	18
18	20	18	18	18	18	19	19	19	19	20	20	19	20	20	18	18	18	18	18	18	20	18	19	18	19
19	20	19	20	20	20	19	****	****	****	****	****	****	****	****	****	****	19	19	20	20	20	20	20	20	******
20	18	18	18	19	21	20	19	20	20	19	21	20	23	21	21	21	20	21	21	22	21	21	19	18	20
21	20	19	20	19	18	19	20	19	19	19	18	19	20	20	20	18	19	19	19	21	19	18	18	17	19
22	19	18	17	17	18	17	17	18	17	19	19	19	18	18	18	18	18	18	18	19	19	18	19	19	18
23	18	18	18	18	18	18	19	19	20	19	19	20	20	19	18	17	18	18	18	18	18	18	20	19	19
24	20	21	21	22	20	19	19	20	20	19	18	19	18	18	18	18	19	20	20	21	18	18	18	17	19
25	18	18	18	18	18	18	18	17	17	17	18	16	16	16	16	17	17	17	16	17	16	17	18	17	17
26	16	16	16	16	16	16	16	16	17	16	15	15	17	16	16	16	16	18	16	18	16	18	16	17	16
27	16	17	18	16	18	19	18	19	19	19	19	20	18	-	16	16	16	15	16	16	16	16	17	16	17
28	17	18	18	18	17	17	20	17	17	17	17	17	15	16	16	16	16	16	16	17	17	17	17	17	17
29	17	17	17	18	18	18	17	16	15	17	18	18	18	17	17	17	18	18	19	20	18	17	17	16	17
30	18	18	17	17	17	16	17	17	19	18	17	16	16	16	16	16	17	17	17	17	17	16	16	16	17
31	17	17	16	16	18	18	17	16	17	16	16	16	16	16	15	17	15	16	16	16	16	16	16	16	16
MEAN	18	18	18	18	19	19	19	19	18	19	19	19	19	18	18	18	18	18	18	19	18	18	18	18	18.4

PERCENTAGE OF DATA VALID - 89.0 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 9.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 2290S NANTICOKE RD/WALPOLE CONC S.NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN		DATA UNAVAILABLE		
JUL		DATA UNAVAILABLE		
AUG	21	18.2	20	24
SEP	25	19.1	22	32
OCT	13	21.0	23	34
NOV	28	20.0	25	30
DEC	26	18.4	20	24
YEAR	113	19.2	25	34

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - NMP NO 22905 NANTICOKE RD/WALPOLE CONC 5,NANTICOKE

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	DATA UNAVAILABLE								
FEB	DATA UNAVAILABLE								
MAR	DATA UNAVAILABLE								
APR	DATA UNAVAILABLE								
MAY	DATA UNAVAILABLE								
JUN	DATA UNAVAILABLE								
JUL	DATA UNAVAILABLE								
AUG	0	380	133	0	0	0	0	0	513
SEP	0	337	276	1	0	0	0	0	614
OCT	0	56	298	1	0	0	0	0	355
NOV	0	304	372	0	0	0	0	0	676
DEC	0	499	163	0	0	0	0	0	662
YEAR	0	1576	1242	2	0	0	0	0	2820

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
76.8	12	16.0	17.5	18.6	19.6	21.4	22.3	24.0	25.9	34	19.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	12	12	11	11	14	14	14	14	13	13	12	12	12	12	12	12	12	11	11	10	11	10	11	12
2	11	10	10	10	10	10	10	11	11	12	11	9	11	12	11	12	12	13	14	11	-	-	-	-	11
3	11	11	11	11	12	12	12	13	14	14	13	13	13	13	14	14	17	14	14	13	13	12	13	12	13
4	12	12	12	12	12	12	13	14	14	14	14	13	14	13	13	14	14	14	14	14	14	13	12	12	13
5	12	12	12	12	13	13	13	15	15	16	15	17	9	14	14	14	14	14	14	15	14	15	****	14	14
6	14	15	14	14	14	14	14	14	14	14	14	13	13	12	13	13	12	12	12	12	12	12	12	12	13
7	12	13	12	12	13	13	13	13	14	14	14	13	13	14	14	17	17	15	15	15	13	13	13	12	14
8	11	11	11	11	12	13	13	16	18	17	16	14	12	****	11	12	12	12	12	13	12	13	13	13	13
9	12	11	12	11	12	11	12	13	14	13	13	13	13	14	14	15	15	16	15	14	14	14	14	14	13
10	14	14	14	14	13	13	13	15	15	14	13	13	14	****	13	13	14	15	14	****	****	****	****	****	14
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	40	46	40	40	39	-	-	41	42	44	******
12	40	38	38	40	38	38	38	41	47	22	13	13	12	13	12	14	14	14	-	-	14	14	13	26	25
13	22	21	18	14	11	9	7	7	8	8	8	8	7	7	6	6	6	5	5	5	4	4	3	4	8
14	6	5	5	4	2	3	3	4	4	0	0	0	0	1	0	0	1	1	1	1	1	1	0	1	2
15	0	0	0	1	1	1	1	2	2	2	4	3	2	3	4	5	4	4	3	3	2	1	1	1	2
16	2	1	1	2	1	1	2	2	3	4	****	5	3	1	2	3	4	4	4	4	5	7	5	4	3
17	6	10	11	9	9	3	2	1	2	2	1	1	2	2	2	8	12	11	9	5	1	0	0	0	5
18	****	****	****	****	****	****	****	****	1	1	-	-	2	0	1	13	14	15	14	14	14	14	14	15	******
19	14	14	13	14	15	16	15	19	24	25	21	20	-	17	14	14	14	16	17	17	15	13	13	13	16
20	12	12	14	13	12	12	13	13	13	13	14	13	13	14	13	13	13	14	14	16	12	11	13	12	13
21	11	11	10	10	11	11	11	10	9	9	8	9	9	8	8	9	8	8	8	7	8	8	8	8	9
22	8	8	8	8	8	-	9	9	10	10	9	9	9	10	13	13	13	****	14	13	13	14	15	16	11
23	15	13	13	14	13	14	15	17	17	17	16	15	14	15	16	16	15	16	17	15	14	14	14	14	15
24	13	13	14	13	13	13	13	13	13	-	12	12	12	13	13	13	13	12	11	10	10	10	10	9	12
25	9	9	9	10	10	9	9	11	14	12	****	14	14	14	14	15	14	15	14	13	13	13	12	13	12
26	12	12	12	11	12	11	13	14	15	15	14	13	13	13	13	14	14	15	14	14	14	14	14	14	13
27	14	13	13	12	12	12	13	13	13	14	14	13	13	13	14	17	17	16	13	14	14	13	13	13	14
28	13	13	12	11	11	10	10	11	10	10	10	10	10	10	10	11	10	10	10	10	10	10	10	10	11
29	10	10	11	11	11	11	12	13	13	14	14	13	13	14	14	10	10	10	10	9	9	9	9	9	11
30	9	9	9	8	8	8	9	10	11	19	9	9	9	9	10	10	10	-	10	9	9	8	8	8	9
31	7	8	8	7	7	7	7	8	9	9	8	8	7	8	8	8	8	7	8	7	7	7	7	7	8
MEAN	12	12	12	11	11	11	11	12	13	12	12	11	10	10	11	13	13	13	12	11	10	11	11	12	11 6

PERCENTAGE OF DATA VALID - 93.7 PERCENTAGE OF DATA INVALID - 4.4 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYOROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - FEB 79

HOUR / OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	7	7	7	7	7	8	9	9	9	9	9	10	10	11	10	10	10	10	10	10	9	10	9
2	7	7	7	7	6	7	8	9	12	11	12	****	9	9	9	9	11	11	10	10	10	10	11	12	9
3	12	11	13	14	15	12	13	13	13	12	10	10	10	10	9	10	10	10	11	12	11	12	11	9	11
4	9	9	9	8	10	9	10	11	10	9	10	10	9	8	8	8	8	8	8	8	7	7	7	7	9
5	7	7	7	7	7	7	8	9	9	8	8	8	7	11	11	12	-	12	13	13	12	12	12	12	10
6	12	12	12	12	13	13	14	16	19	20	18	14	15	14	15	15	15	14	13	13	13	13	14	13	14
7	13	13	13	13	15	14	14	14	15	13	13	13	12	11	11	11	13	12	12	14	14	14	14	14	13
8	13	13	14	11	11	11	11	12	****	12	12	****	6	10	11	12	13	12	12	12	11	12	11	12	12
9	12	12	12	12	12	12	13	15	13	13	13	13	14	13	13	13	14	14	15	15	15	14	13	13	13
10	14	13	14	13	13	13	14	14	14	20	18	15	13	13	12	12	12	13	13	13	13	13	13	14	14
11	14	13	13	13	13	13	13	13	14	14	14	14	15	15	15	15	15	15	15	16	17	19	17	17	15
12	17	18	22	20	20	18	17	19	20	21	20	16	****	15	14	15	16	16	16	14	14	13	13	13	17
13	13	12	12	12	12	12	13	14	15	15	15	14	14	14	13	15	14	14	****	15	14	14	13	14	14
14	14	14	13	14	14	13	14	16	17	18	18	19	19	18	16	17	15	14	15	13	17	16	17	18	16
15	16	14	13	12	12	12	13	15	15	15	15	14	14	14	13	13	13	13	-	12	12	12	12	12	13
16	11	12	12	11	11	11	11	12	14	14	13	12	12	12	12	16	14	14	14	14	13	-	14	14	13
17	14	14	14	13	14	14	14	15	15	16	15	15	15	15	15	15	14	15	15	16	17	16	16	17	15
18	16	17	17	16	16	17	18	17	17	14	14	14	14	14	14	14	13	13	13	13	-	13	13	****	15
19	13	12	****	12	12	13	19	20	23	22	19	14	****	11	11	12	13	11	11	13	13	13	12	13	14
20	13	13	12	12	12	11	13	14	15	15	14	15	14	13	13	14	14	16	14	15	16	16	14	14	14
21	12	12	12	13	16	17	19	19	18	19	20	20	12	12	12	14	11	12	11	11	10	9	8	9	14
22	9	9	9	9	10	10	11	11	12	22	18	7	8	9	9	10	10	9	10	9	9	8	7	7	10
23	7	6	5	5	5	5	6	6	11	11	8	8	****	****	22	24	29	26	14	11	12	12	14	14	12
24	20	22	17	13	13	14	15	14	13	13	12	11	12	11	11	11	12	12	12	12	12	12	11	11	13
25	10	11	10	10	10	10	10	10	10	10	11	11	11	11	10	11	11	11	11	11	10	10	10	10	10
26	9	9	10	9	8	8	9	10	10	10	10	8	8	8	9	10	13	****	12	10	9	9	9	8	9
27	8	10	8	8	7	7	7	8	10	10	9	9	9	8	8	10	8	8	8	8	8	9	11	10	9
28	10	14	13	13	15	14	13	21	20	23	25	20	14	15	13	13	13	15	15	15	24	25	35	27	18
MEAN	12	12	12	11	12	12	12	13	14	15	14	13	12	12	12	13	13	13	12	12	13	13	13	13	12.6

PERCENTAGE OF OATA VALID - 97.8 PERCENTAGE OF OATA INVALIO - 1.6 PERCENTAGE OF OATA UNAVAILABLE - 0.6

NOTES 1. ***** INOICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. ****** INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYOROCARBON5 UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAR 79

HOUR / OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	13	12	****	10	9	9	11	11	10	9	****	8	9	8	9	9	10	9	8	7	8	9	11	10
2	9	7	7	7	7	6	7	10	10	11	15	15	14	12	10	12	12	-	****	13	14	14	15	14	11
3	11	10	11	10	8	9	10	10	11	12	13	14	12	10	9	10	11	11	10	12	13	14	13	15	11
4	12	10	11	10	8	8	8	9	8	8	8	7	8	9	9	13	8	11	13	16	14	12	15	20	11
5	17	11	6	8	9	10	9	10	11	10	8	****	11	10	9	11	11	11	12	12	11	10	9	9	10
6	9	9	8	8	8	9	9	12	11	11	11	10	10	11	12	11	11	10	10	11	10	10	10	10	10
7	-	****	9	10	10	11	11	17	18	10	9	9	9	9	****	12	13	15	14	14	13	11	16	16	12
8	17	14	13	13	13	13	14	16	17	16	12	11	11	14	15	16	12	13	13	15	12	12	13	15	14
9	14	13	13	12	12	15	17	20	26	31	19	22	30	****	16	16	18	14	14	11	11	10	11	12	16
10	8	10	9	7	7	6	7	6	6	5	5	5	4	3	3	3	2	2	2	2	1	0	0	0	4
11	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	9	9	9	9	9	9	10	10	-	10	******
13	8	8	7	7	7	7	7	8	8	****	****	12	11	12	13	13	13	11	10	10	9	9	9	8	9
14	8	7	7	7	7	7	7	7	9	****	10	9	9	9	9	9	9	9	9	9	9	9	9	9	8
15	9	9	9	9	9	10	10	11	12	11	11	11	11	11	11	12	11	11	11	11	12	12	13	14	11
16	14	13	13	12	12	-	12	12	12	12	12	12	13	13	12	13	13	12	14	17	15	14	13	14	13
17	14	14	16	18	19	19	19	19	18	18	18	16	13	13	15	15	16	14	15	15	14	14	15	17	16
18	18	22	20	19	17	16	16	19	20	20	19	16	14	14	14	13	13	13	13	16	16	12	12	12	16
19	11	12	12	11	12	13	15	18	13	7	7	7	7	7	7	8	10	10	11	17	18	15	16	14	12
20	14	14	13	14	9	10	10	18	21	15	25	20	16	14	18	14	13	-	****	20	13	-	12	11	15
21	10	18	22	11	11	12	13	17	17	16	11	12	12	12	11	12	15	14	13	18	18	23	19	23	15
22	45	47	43	47	47	37	14	14	17	20	30	22	19	****	15	13	17	14	13	15	19	24	13	12	24
23	12	12	12	11	10	9	10	11	11	12	12	10	11	11	10	11	13	18	16	10	7	6	6	7	11
24	9	12	8	6	5	5	5	6	6	6	7	8	11	17	17	10	10	8	6	14	7	11	12	12	9
25	8	7	6	6	6	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7	7	8	7	7	6
26	6	6	6	6	6	6	6	7	8	7	8	****	11	10	10	11	11	10	11	10	10	11	11	11	9
27	11	11	10	10	10	10	11	12	12	11	11	11	11	11	12	11	11	12	11	12	12	12	12	13	11
28	13	13	13	13	13	16	15	13	12	13	13	12	14	12	11	11	11	11	11	11	10	12	10	9	12
29	10	9	10	10	10	11	14	18	19	16	18	19	16	12	12	14	14	14	15	18	19	20	15	12	14
30	12	11	10	10	9	10	11	12	-	14	13	20	30	20	16	14	14	13	13	17	26	23	22	13	15
31	12	13	11	15	15	10	11	13	14	14	10	10	10	10	10	10	10	10	9	9	10	10	10	10	11
MEAN	12	12	12	12	11	11	11	12	13	13	13	13	12	11	11	11	12	11	11	13	12	12	12	12	11.9

PERCENTAGE OF OATA VALID - 92.5 PERCENTAGE OF OATA INVALIO - 6.6 PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. ***** INOICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA I5 UNAVAILABLE

3. ****** INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	10	10	9	10	10	10	9	9	9	10
2	9	9	9	8	8	8	9	10	13	16	20	****	16	14	14	12	13	14	15	14	13	12	12	11	12
3	11	11	11	11	11	11	11	12	12	12	11	10	11	11	12	14	14	14	14	13	13	13	13	13	12
4	13	14	15	15	15	15	15	16	14	14	13	12	12	12	11	12	13	12	11	10	9	10	10	11	13
5	13	12	10	9	9	****	10	11	-	-	11	9	18	10	10	11	12	12	11	10	11	9	8	8	11
6	8	8	7	8	8	8	8	8	8	8	8	8	9	9	9	9	10	10	10	10	10	10	10	11	9
7	11	11	10	10	10	10	11	11	11	11	11	11	11	10	10	10	11	11	11	11	11	11	12	12	11
8	12	11	11	11	12	11	11	11	11	10	10	10	10	10	10	11	11	11	12	11	12	10	10	9	11
9	9	9	9	8	9	9	9	10	10	11	11	10	****	15	13	14	16	13	13	14	15	15	17	17	12
10	13	12	12	12	12	12	12	14	14	14	13	13	13	13	13	14	14	14	14	16	16	16	16	16	14
11	15	15	15	15	16	17	17	18	15	15	15	15	15	16	16	16	16	16	16	16	16	15	15	16	16
12	15	15	14	14	13	13	13	14	14	15	14	15	15	15	15	15	16	16	16	15	14	14	14	14	15
13	13	13	13	13	13	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	14	13	12	13
14	12	12	12	12	12	11	11	14	13	12	13	13	13	12	13	13	16	16	15	14	15	6	17	19	14
15	19	15	13	11	11	11	12	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	11	12	12
16	12	12	11	11	11	11	12	13	12	13	12	12	12	12	12	12	13	****	13	12	****	12	13	13	12
17	12	12	12	13	13	13	13	14	13	13	12	12	10	-	-	9	10	9	9	9	9	10	10	11	11
18	10	10	11	11	10	10	11	11	11	10	10	****	-	-	10	11	10	10	10	11	11	11	10	11	10
19	11	10	11	11	11	11	11	12	13	11	10	10	11	10	10	10	11	10	11	11	11	11	11	11	11
20	12	11	11	12	12	13	13	15	17	23	22	20	17	14	13	12	13	11	13	16	14	13	15	19	15
21	18	18	18	67	37	16	17	18	18	18	16	16	15	18	14	12	11	12	12	14	14	14	16	16	19
22	18	24	20	19	17	11	11	10	10	10	9	9	9	10	10	10	11	10	11	14	17	17	14	11	13
23	13	14	12	18	14	22	27	26	26	21	10	19	10	10	13	13	15	14	14	13	18	24	21	29	17
24	15	16	28	29	23	21	22	26	28	17	20	18	16	15	15	15	15	14	14	14	11	12	13	18	18
25	25	35	35	19	14	****	10	9	11	13	16	19	18	15	14	21	23	21	15	17	16	14	14	20	18
26	23	21	20	16	9	6	6	7	9	8	9	9	7	8	9	7	15	14	10	8	8	7	9	8	11
27	10	9	7	6	4	4	4	5	5	5	6	6	6	6	6	7	7	7	6	6	6	5	5	5	6
28	6	5	5	5	5	6	5	6	7	6	6	7	8	9	10	8	9	10	10	10	7	8	9	12	7
29	7	6	6	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	6	6	7	7	8	9	6
30	8	8	9	9	9	10	12	11	10	9	****	12	16	15	14	15	12	12	12	12	13	13	13	11	12
MEAN	13	13	13	14	12	11	12	12	13	12	12	12	12	12	12	12	13	12	12	12	12	12	12	13	12.3

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	10	11	10	10	11	12	12	16	****	****	****	11	10	11	11	11	11	11	12	12	13	13	12	11
2	12	12	12	13	13	14	15	14	17	17	14	12	12	12	13	13	13	14	14	13	12	12	12	12	13
3	12	11	10	10	10	10	11	11	12	11	13	12	12	15	19	28	28	23	20	11	10	10	10	10	14
4	10	9	9	10	11	11	11	11	11	11	12	11	14	13	15	11	-	10	10	10	10	10	10	10	11
5	10	10	10	10	11	11	11	10	10	10	9	10	10	9	10	10	9	10	10	10	9	10	10	11	10
6	11	12	11	10	9	9	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	11	10	10	10
7	10	9	9	9	9	10	11	11	10	11	8	****	12	11	12	11	12	11	11	11	11	11	10	10	10
8	10	11	11	11	11	13	17	23	29	29	21	27	22	17	17	20	22	21	26	20	18	22	20	12	19
9	12	14	15	16	21	26	36	37	17	18	16	14	13	13	15	16	14	12	12	13	16	19	20	18	18
10	25	39	45	30	34	32	42	37	24	16	16	13	14	18	17	14	14	16	24	22	18	19	23	19	24
11	21	17	21	15	13	12	23	19	18	21	22	19	20	18	15	14	12	10	10	11	12	13	21	31	17
12	22	24	18	17	23	22	15	15	15	13	12	15	16	13	11	10	10	9	9	9	9	9	9	9	14
13	9	9	9	9	9	9	9	9	9	9	9	9	10	10	10	10	10	10	10	10	12	15	13	15	10
14	12	13	12	12	11	13	17	16	17	16	17	12	11	11	11	11	12	10	12	14	12	12	14	11	13
15	11	12	15	13	11	12	14	14	13	13	14	10	13	12	12	13	12	12	11	13	12	11	11	11	12
16	10	10	10	10	11	11	12	11	11	11	11	11	11	11	11	11	11	11	11	11	12	13	13	13	11
17	-	20	23	****	25	19	18	25	21	15	****	10	9	8	10	12	12	12	10	9	10	10	11	11	14
18	10	9	9	13	14	15	14	14	13	16	14	12	14	14	11	12	9	8	8	8	8	9	11	8	11
19	8	8	9	9	8	8	9	7	7	8	7	6	6	5	5	7	6	8	6	7	6	7	8	8	7
20	7	5	5	5	10	14	10	7	9	8	7	9	8	8	8	9	7	7	7	7	8	10	12	11	8
21	****	9	10	12	13	11	5	4	4	5	6	6	4	4	4	4	4	5	5	5	5	5	5	5	6
22	5	6	6	6	6	6	8	10	9	10	12	12	10	11	11	12	12	10	11	12	12	12	11	****	10
23	10	10	10	11	12	11	11	12	11	12	10	11	11	13	10	10	9	9	9	9	10	8	8	7	10
24	8	7	7	7	6	6	7	6	6	6	4	4	4	4	4	4	5	5	5	4	4	6	6	3	5
25	2	1	1	1	-	****	2	2	2	2	2	****	13	13	12	12	12	11	11	11	10	11	12	11	7
26	10	9	9	8	8	8	8	9	8	9	10	12	10	10	9	9	8	8	10	10	8	7	9	8	9
27	7	7	8	8	8	8	8	8	7	7	7	7	8	9	8	9	8	8	8	10	10	12	14	10	9
28	7	9	12	11	13	15	13	11	12	12	****	10	10	9	10	11	11	11	12	14	13	14	18	20	12
29	21	19	20	17	20	23	26	22	23	21	17	17	15	11	10	10	10	9	9	10	11	16	13	12	16
30	14	14	13	16	17	20	12	14	18	15	13	14	13	11	10	10	9	9	10	11	11	-	12	16	13
31	22	20	27	31	37	37	48	49	26	31	19	11	11	11	11	10	10	10	10	10	11	13	15	13	21
MEAN	12	12	13	12	14	14	15	15	13	13	12	12	12	11	11	11	11	11	11	11	11	12	12	12	12.2

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYOROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	12	15	14	10	10	10	9	8	9	30	****	-	-	****	****	****	****	****	****	****	****	****	****	******
2	****	****	****	****	****	****	****	****	****	10	10	10	11	11	11	11	11	12	11	11	11	15	19	19	******
3	17	14	15	12	13	13	14	13	12	13	12	11	12	11	11	11	10	10	11	13	15	16	24	16	13
4	17	17	19	16	14	13	16	18	22	14	13	11	12	11	10	10	9	9	9	11	13	11	9	11	13
5	11	9	10	12	14	18	14	10	9	10	9	-	13	****	8	7	6	6	7	6	7	7	8	8	10
6	7	8	7	6	6	7	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	8	7	7	7
7	6	6	6	6	8	9	11	16	15	18	14	15	13	14	11	11	10	9	10	10	12	16	19	19	12
8	22	18	12	14	17	13	15	11	****	11	11	11	11	10	****	****	9	****	****	****	****	****	20	****	******
9	17	13	****	29	33	****	****	37	****	****	****	****	****	****	****	****	****	****	****	11	11	12	12	14	******
10	16	18	18	17	15	12	13	11	9	9	8	8	8	7	7	7	7	7	6	8	9	8	7	7	10
11	7	7	7	7	7	8	8	8	8	7	8	9	10	10	11	10	10	-	-	11	12	14	14	12	9
12	12	12	11	11	11	12	13	13	11	11	11	11	12	12	12	12	12	12	****	12	13	15	13	13	12
13	15	14	14	14	14	14	17	16	15	13	13	12	13	13	13	13	12	12	13	14	15	15	17	15	14
14	17	22	21	19	****	25	****	****	19	16	16	15	14	14	14	15	14	15	14	15	16	16	16	16	17
15	17	20	19	18	19	19	20	23	20	15	****	****	12	12	10	11	10	10	10	10	12	13	13	12	15
16	11	11	11	10	10	11	12	13	9	8	8	8	8	9	8	8	8	8	8	10	10	11	13	12	10
17	14	16	16	12	11	10	9	9	9	10	9	9	11	9	8	7	6	6	7	8	7	7	6	6	9
18	5	5	5	****	****	5	6	8	7	7	****	11	10	10	11	13	13	12	13	12	14	18	21	16	11
19	12	12	11	11	11	12	16	17	15	17	16	13	14	12	12	12	12	11	11	13	13	12	16	14	13
20	13	14	15	12	13	14	12	12	15	14	14	16	14	12	13	11	10	9	10	9	9	11	14	9	12
21	10	10	13	11	11	11	16	24	17	19	18	13	12	13	12	14	13	12	11	12	18	15	14	14	14
22	9	11	16	12	12	13	11	17	16	13	****	10	10	10	9	9	-	9	9	9	9	9	9	9	11
23	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	10	9	10	9	10	10	9
24	10	9	****	9	9	9	9	****	9	9	9	10	10	9	10	10	10	10	10	10	11	11	12	11	10
25	11	11	11	11	11	12	13	15	14	14	13	12	12	11	11	11	-	10	11	11	12	12	14	16	12
26	23	27	32	24	25	24	26	29	19	16	16	15	17	14	****	15	14	15	15	19	24	14	11	10	19
27	10	14	15	17	12	13	14	17	20	16	14	12	12	13	15	15	13	13	13	14	11	11	12	10	14
28	11	13	16	14	13	14	16	17	20	22	19	13	12	11	10	11	14	12	12	17	17	13	14	14	14
29	16	18	25	22	13	13	12	13	13	13	****	17	15	15	15	16	15	14	14	16	17	15	17	-	16
30	14	13	13	13	13	14	13	14	14	13	14	13	14	13	13	-	12	13	13	14	14	14	15	13	13
MEAN	13	13	14	14	13	13	13	15	13	13	13	12	12	11	11	11	11	10	11	12	12	12	14	12	12.4

PERCENTAGE OF OATA VALIO - 90.6 PERCENTAGE OF OATA INVALIO - 8.1 PERCENTAGE OF OATA UNAVAILABLE - 1.4

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYOROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUL 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	12	12	13	13	13	12	12	11	11	13	15	15	14	12	11	12	12	13	13	15	14	14	13	13
2	13	13	14	17	17	15	13	12	11	11	10	10	10	11	11	11	11	11	11	12	13	13	13	13	12
3	13	13	14	13	13	13	14	14	14	14	****	14	18	16	14	14	13	13	12	13	14	14	14	14	14
4	14	13	13	13	14	14	15	16	21	21	16	13	13	****	11	11	10	10	10	10	10	11	12	11	13
5	11	12	10	10	10	10	11	12	11	12	11	****	12	11	12	12	12	11	11	11	13	13	13	12	11
6	12	11	12	13	12	13	16	17	16	14	12	13	22	10	9	8	8	9	8	8	9	9	9	9	12
7	9	9	8	10	9	15	23	18	18	13	9	9	8	8	8	8	8	8	8	8	8	10	13	12	11
8	13	14	12	12	11	12	12	12	14	12	10	12	13	14	14	16	16	17	17	18	22	24	21	21	15
9	23	26	24	24	25	23	22	22	24	17	16	18	20	16	15	15	16	15	14	14	16	18	17	16	19
10	12	13	13	3	6	5	7	6	7	8	9	-	9	6	6	7	7	7	8	7	6	6	9	10	8
11	9	8	8	9	9	12	14	14	15	19	****	****	****	****	****	****	****	****	13	13	14	15	19	20	13
12	25	30	31	30	24	23	23	25	25	20	17	19	19	17	17	17	16	16	17	17	17	19	19	19	21
13	20	31	30	29	29	35	36	36	29	15	13	12	14	11	9	9	8	7	9	12	11	14	16	13	19
14	12	15	16	13	13	12	13	9	9	9	10	10	8	8	11	12	12	9	8	9	7	5	4	4	10
15	5	7	9	7	6	5	5	5	6	7	6	5	5	3	3	4	4	3	6	9	10	7	6	5	6
16	6	6	8	10	10	10	11	9	6	5	6	7	6	7	12	14	11	10	9	9	9	9	9	9	9
17	8	9	8	8	9	10	11	-	12	11	10	9	10	7	7	9	9	11	10	12	13	13	13	13	10
18	13	12	12	12	12	13	13	14	14	13	13	13	11	10	10	9	8	9	9	12	15	16	18	18	12
19	17	16	15	16	21	24	24	24	24	24	22	16	12	11	10	10	10	9	10	11	12	11	14	19	16
20	22	24	23	22	22	22	21	22	20	****	10	10	9	8	9	8	8	11	9	12	9	10	11	13	15
21	****	17	14	17	18	18	18	19	17	14	10	9	9	10	11	11	9	10	9	9	10	12	15	15	13
22	15	17	13	12	12	13	-	13	12	12	11	11	10	9	9	10	10	10	10	10	11	11	17	16	12
23	****	13	13	14	15	15	18	21	11	4	****	17	16	16	17	5	4	4	5	3	3	3	3	3	10
24	****	****	****	****	****	****	****	****	****	****	****	8	7	7	5	6	6	6	5	6	5	5	6	6	******
25	5	5	5	5	5	5	6	5	6	5	5	****	9	10	10	10	10	9	9	11	10	9	10	10	8
26	10	11	13	13	11	13	17	13	15	11	10	9	9	9	9	9	9	8	8	8	8	9	9	9	10
27	9	9	10	9	9	10	12	13	13	13	16	11	9	-	8	9	9	9	9	11	12	12	10	10	11
28	11	11	10	11	16	23	23	22	18	13	11	12	12	10	10	9	9	9	8	8	9	9	10	10	12
29	9	9	10	11	11	11	10	9	8	11	11	-	10	10	9	9	9	9	9	9	10	14	15	12	10
30	10	9	9	10	9	11	14	21	19	13	20	12	11	10	11	12	13	12	13	11	11	11	11	10	12
31	10	10	10	11	11	11	22	18	16	14	15	14	14	14	14	13	13	12	13	15	12	12	13	12	13
MEAN	12	14	13	13	13	14	16	16	15	13	12	12	12	10	10	10	10	10	10	11	11	12	12	12	12.2

PERCENTAGE OF DATA VALIO - 95.7 PERCENTAGE OF OATA INVALIO - 3.6 PERCENTAGE OF OATA UNAVAILABLE - 0.7

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	11	10	10	10	10	13	14	13	12	11	12	11	10	11	11	13	12	12	13	12	12	12	11	12
2	11	11	10	10	11	13	11	11	11	11	11	12	11	9	10	10	10	10	10	12	12	13	13	13	11
3	16	15	16	16	16	17	21	17	15	15	14	13	13	14	16	14	15	12	12	14	15	17	16	16	15
4	15	17	18	16	16	16	18	16	15	15	14	14	13	14	13	12	12	12	13	17	18	18	16	18	15
5	19	17	16	15	16	16	16	13	12	11	11	11	11	12	11	10	10	11	11	11	12	14	13	12	13
6	12	11	11	11	11	11	12	12	11	11	11	11	12	12	12	11	11	11	12	12	12	14	14	16	12
7	16	19	16	14	15	14	13	13	9	10	11	10	****	9	9	10	10	12	13	10	9	10	10	10	12
8	10	11	11	11	13	14	14	15	13	11	11	10	11	14	13	9	9	9	9	10	10	11	12	12	11
9	12	11	11	10	11	12	12	11	10	11	12	10	11	****	11	12	12	12	13	12	11	13	12	13	12
10	14	12	12	12	11	10	11	13	17	18	14	10	****	8	10	10	10	10	10	11	11	12	12	12	12
11	11	11	10	10	10	10	11	11	11	11	11	11	11	12	12	13	12	11	13	12	12	13	13	13	11
12	13	13	13	14	14	15	15	14	13	12	12	12	12	12	12	12	12	11	12	12	13	15	18	18	13
13	18	21	20	18	19	17	25	31	23	25	14	13	13	11	12	12	12	12	13	11	11	11	11	11	16
14	11	11	11	10	10	11	13	11	8	10	9	9	8	8	7	7	6	6	-	6	5	5	5	4	8
15	4	4	4	4	3	4	4	4	4	4	7	12	12	11	11	12	11	11	11	11	12	14	14	13	8
16	13	12	13	13	13	13	16	14	15	13	13	13	12	11	12	14	13	13	13	19	18	17	17	17	14
17	17	16	16	17	25	20	19	23	23	27	18	17	16	13	14	14	13	12	12	12	11	11	15	12	16
18	13	11	11	10	13	13	13	12	14	15	19	19	18	19	20	19	25	30	35	38	32	32	27	27	20
19	38	37	32	20	17	15	13	11	10	10	10	9	10	10	10	10	10	9	10	13	14	18	14	13	15
20	12	13	14	19	18	18	24	18	16	22	19	14	12	11	11	12	11	15	15	16	14	17	20	19	16
21	18	24	22	25	39	25	20	15	15	21	20	14	11	11	11	11	11	11	11	15	20	24	20	16	18
22	15	12	12	12	11	11	11	11	10	10	11	15	17	15	15	15	15	14	14	14	14	14	13	13	13
23	14	15	17	17	19	17	18	21	22	20	21	20	22	23	23	21	22	21	22	21	20	19	19	21	20
24	13	12	12	12	12	13	14	16	16	15	15	14	15	14	13	13	12	12	13	13	13	13	14	13	13
25	14	14	12	13	12	12	12	12	12	13	12	12	12	12	14	14	14	14	14	14	13	13	14	13	13
26	14	13	13	13	14	13	13	13	13	14	13	13	12	12	13	14	15	16	13	13	14	15	16	15	14
27	15	15	13	14	14	13	15	18	19	17	14	13	12	12	****	17	16	16	16	16	16	16	17	18	15
28	20	22	26	29	27	35	30	26	22	20	20	20	21	20	21	20	20	20	19	20	20	20	21	20	22
29	19	20	20	23	20	21	21	21	20	20	22	21	20	19	20	19	20	20	20	20	21	22	21	22	21
30	23	22	21	23	25	25	27	23	23	22	16	19	21	19	17	17	17	17	17	18	19	19	19	18	20
31	18	18	18	17	19	19	20	24	18	18	17	18	18	19	20	19	19	22	22	20	19	20	21	22	19
MEAN	15	15	15	15	16	15	16	16	15	15	14	14	14	13	13	13	13	14	14	15	15	16	15	15	14.6

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	25	30	31	33	35	37	28	22	22	23	23	20	19	19	19	19	19	19	19	20	17	17	23
2	17	16	17	18	17	17	17	17	17	17	17	17	18	17	17	17	16	16	16	17	17	17	18	18	17
3	18	19	18	18	18	17	18	17	16	16	15	16	16	16	15	15	15	15	16	16	16	17	16	16	16
4	17	17	16	16	16	16	18	22	20	18	11	12	12	12	12	12	12	12	12	13	12	13	13	14	15
5	14	16	23	23	21	19	17	16	12	11	11	11	11	12	14	15	14	12	13	13	14	14	17	22	15
6	20	20	23	21	18	12	15	16	17	15	12	11	11	12	9	9	11	10	10	9	10	10	11	9	13
7	9	9	10	9	9	9	9	12	11	10	10	10	11	11	11	11	11	10	10	10	10	10	10	10	10
8	10	10	9	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	12	12	13	13	13	10
9	13	13	13	12	12	13	12	13	12	11	11	11	11	10	10	9	9	10	9	9	9	9	10	12	11
10	13	12	15	15	14	13	16	13	13	12	****	13	14	15	13	13	13	13	12	11	12	12	13	13	13
11	14	14	13	13	13	13	13	15	15	13	12	13	13	13	12	-	11	12	13	13	14	15	14	15	13
12	15	16	13	11	11	12	14	14	12	12	11	11	11	11	11	11	11	11	11	11	11	11	10	11	12
13	12	12	13	17	18	17	23	16	13	13	13	11	13	12	12	12	11	11	11	10	12	13	11	10	13
14	10	10	10	11	12	11	13	13	****	****	****	****	****	13	12	12	12	12	12	12	13	11	12	11	12
15	13	13	13	12	11	11	12	12	11	10	10	9	10	9	10	10	10	11	13	15	15	****	****	****	11
16													- DATA INVALID -												
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	16	15	******
18	14	14	15	14	13	13	14	15	15	12	11	10	10	9	15	13	12	11	10	****	10	10	10	9	12
19	9	9	9	9	9	10	10	10	10	10	10	9	9	9	9	9	9	****	10	9	9	10	11	10	9
20	10	11	14	17	24	24	27	24	19	12	10	8	7	8	7	8	8	8	9	10	10	11	10	9	13
21	9	9	9	9	9	11	16	17	15	14	13	8	7	6	7	6	6	7	7	7	****	5	6	5	9
22	5	5	5	5	5	4	5	6	6	5	4	5	5	4	4	5	5	4	6	5	6	6	6	6	5
23	6	6	6	6	6	6	7	7	8	5	4	5	5	5	5	4	4	4	5	6	7	9	10	10	6
24	11	10	9	9	10	11	14	15	9	7	5	12	13	14	14	13	11	10	11	11	11	11	16	14	11
25	14	30	34	27	17	18	20	19	18	15	14	13	12	12	11	12	12	9	10	11	10	13	14	12	16
26	12	11	12	10	10	11	13	15	15	15	15	16	16	16	13	13	12	13	16	20	22	35	29	23	16
27	21	25	29	31	24	23	27	37	37	29	27	24	18	16	15	14	14	14	15	20	31	24	23	21	23
28	19	17	22	23	27	27	22	19	****	17	17	17	20	20	19	19	20	20	25	22	23	23	29	30	22
29	30	32	31	28	29	28	37	37	32	24	21	20	20	20	22	24	22	23	23	25	26	28	30	31	27
30	34	32	33	35	39	29	9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
MEAN	15	15	16	16	16	16	17	17	16	14	13	13	13	12	12	12	12	12	12	13	14	14	15	14	14.1

PERCENTAGE OF DATA VALID - 89.3 PERCENTAGE OF DATA INVALID - 10.6 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	33	34	28	19	12	11	10	6	5	4	5	2	******
2	1	1	****	****	****	****	****	****	****	****	****	14	15	14	14	15	15	13	12	13	12	12	10	10	******
3	9	10	10	10	10	11	12	14	13	14	15	16	18	18	17	18	14	15	12	11	12	13	13	11	13
4	9	9	9	10	10	11	11	12	11	10	12	12	15	15	13	14	13	12	12	12	12	12	16	17	12
5	19	18	19	19	10	11	11	12	12	11	12	11	12	12	13	14	13	12	11	14	8	7	8	7	12
6	6	6	6	6	6	7	8	9	8	8	7	7	7	7	8	8	7	8	7	7	7	6	7	7	7
7	8	7	7	7	6	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	7	7	7	7	6
8	7	-	7	8	7	8	8	8	8	8	8	7	7	8	8	8	8	9	10	8	9	8	8	8	8
9	8	7	7	7	9	7	8	9	10	9	-	****	12	11	11	13	12	13	13	13	14	14	13	15	11
10	16	14	-	13	17	****	22	25	26	17	15	14	12	12	13	11	11	12	13	13	13	16	17	17	15
11	15	14	13	12	13	13	15	17	20	19	15	14	12	12	****	12	12	12	13	13	13	10	11	10	13
12	11	10	10	10	10	10	13	16	16	15	15	12	14	14	14	14	16	15	16	15	13	14	13	13	13
13	14	14	14	15	15	15	15	16	16	16	15	15	15	15	16	16	17	18	19	19	20	20	22	23	17
14	23	25	27	28	28	32	25	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
15	****	****	****	****	****	****	****	-	****	****	****	57	53	49	43	41	39	37	33	28	26	24	23	21	******
16	21	19	18	17	16	17	19	18	17	16	16	-	14	14	****	15	14	14	15	14	14	14	15	15	16
17	16	17	20	19	23	22	23	-	-	24	24	30	38	38	43	39	37	40	42	41	41	39	45	48	32
18	39	22	17	14	13	15	15	16	14	****	14	15	15	15	14	14	14	13	15	15	16	16	17	15	16
19	14	13	13	13	12	12	14	14	14	14	15	15	17	16	18	20	-	19	14	13	13	15	14	14	15
20	14	12	11	12	13	12	12	14	15	13	12	12	12	12	11	11	11	11	11	13	11	11	11	11	12
21	11	11	11	11	11	10	10	10	10	12	12	13	12	12	11	11	11	12	12	14	14	14	22	22	12
22	18	16	18	18	22	25	28	20	16	15	22	13	14	13	12	12	11	12	14	16	14	13	15	15	16
23	13	9	8	8	9	8	9	11	14	11	11	11	11	10	9	9	10	9	9	9	9	8	8	8	10
24	8	8	8	8	8	8	9	10	9	10	11	11	9	9	8	8	9	8	8	8	8	-	8	9	9
25	8	9	9	9	9	9	10	11	10	9	9	9	9	10	11	11	12	11	11	11	11	12	11	11	10
26	11	11	10	10	10	10	11	12	11	12	12	12	11	-	12	12	12	11	11	11	11	11	11	11	11
27	11	11	11	11	11	11	12	12	12	11	11	11	10	11	11	12	11	10	10	10	10	10	14	12	11
28	11	11	10	10	10	10	11	12	11	11	10	9	9	-	9	9	9	11	9	9	9	9	9	9	10
29	9	9	9	9	10	9	9	10	12	11	11	12	15	17	16	16	17	16	17	17	15	15	16	16	13
30	16	16	16	15	15	16	17	16	18	18	17	17	17	17	17	17	17	18	18	18	17	17	16	16	17
31	15	15	15	15	15	15	16	17	17	16	16	12	15	15	15	16	17	16	15	15	16	19	21	21	16
MEAN	13	12	12	12	12	13	14	13	13	13	13	14	15	16	15	15	14	14	14	14	13	13	14	14	13.6

PERCENTAGE OF DATA VALID - 91.5 PERCENTAGE OF DATA INVALID - 7.0 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	18	16	15	15	15	17	18	20	21	23	23	22	24	22	21	19	28	29	19	15	14	13	15	19
2	15	14	14	14	15	15	15	19	19	16	14	16	15	14	15	15	17	19	18	17	18	15	15	15	16
3	15	16	17	16	16	16	17	17	17	16	16	15	14	14	14	14	15	15	14	14	15	15	15	-	15
4	15	15	15	14	14	15	15	15	15	14	13	13	13	14	14	15	15	15	16	16	16	15	15	18	15
5	21	21	19	19	20	28	27	25	18	28	13	13	12	12	14	14	15	13	13	12	13	14	15	14	17
6	16	19	24	23	21	18	16	20	21	25	21	20	18	17	20	19	20	20	19	21	21	24	24	21	20
7	17	14	13	13	12	11	11	12	14	13	13	18	18	19	20	21	20	20	20	20	19	18	17	17	16
8	18	17	16	15	15	-	****	15	15	15	15	15	17	17	17	18	17	17	17	17	18	16	17	18	16
9	17	18	17	17	20	18	25	22	26	27	17	16	13	13	15	14	15	13	13	-	-	12	12	12	17
10	14	16	12	11	12	11	11	11	11	10	11	10	10	10	10	10	11	11	11	11	11	11	11	11	11
11	11	11	-	11	11	11	12	12	13	12	11	12	-	11	11	11	11	11	11	12	13	13	12	13	12
12	13	12	11	-	11	11	11	13	14	13	12	12	14	13	14	13	14	14	16	16	19	22	21	20	14
13	19	20	19	18	16	17	15	18	19	17	15	24	13	13	13	13	14	14	16	16	15	13	13	13	16
14	14	12	12	13	12	12	12	13	13	14	13	12	12	12	13	14	15	15	14	13	13	14	15	14	13
15	14	14	15	14	14	14	15	14	13	13	13	12	12	13	15	14	14	14	16	17	16	13	11	10	14
16	10	10	10	10	10	10	11	13	14	****	14	15	14	15	14	15	16	15	14	13	13	13	14	15	13
17	14	13	13	12	12	12	13	13	14	15	15	14	13	13	13	13	14	14	16	18	22	29	25	29	16
18	34	26	21	20	23	37	26	23	27	25	20	18	18	16	15	15	15	15	17	16	15	15	15	14	20
19	14	14	14	14	14	14	15	17	18	17	17	22	****	19	21	23	19	18	19	20	20	19	20	22	18
20	19	18	19	19	19	20	17	20	25	18	15	13	12	12	12	12	13	13	13	13	12	11	11	11	15
21	11	10	10	10	10	11	11	13	13	13	12	15	14	14	15	14	14	-	13	13	13	13	14	13	13
22	13	13	14	14	15	17	18	18	18	16	17	19	18	17	17	17	15	14	15	13	14	14	15	14	16
23	14	12	12	11	14	15	18	22	20	22	19	17	15	18	17	20	28	27	24	27	25	24	23	29	20
24	31	22	21	14	13	13	13	13	13	13	13	13	13	13	13	14	15	15	16	16	16	****	15	16	15
25	14	16	16	21	23	19	16	18	18	16	15	14	14	13	12	13	12	12	12	12	11	11	11	11	15
26	11	11	11	10	10	11	12	13	15	10	11	10	16	15	15	15	15	15	14	14	14	14	14	15	13
27	15	15	15	15	15	16	17	18	19	19	19	17	16	17	18	19	20	20	19	18	18	19	22	19	18
28	17	16	17	16	15	15	16	15	15	15	14	14	14	14	15	16	17	17	16	16	17	17	16	16	16
29	16	16	15	15	15	16	17	17	18	18	17	17	16	15	12	11	-	****	12	12	11	11	10	10	14
30	10	10	9	9	9	9	9	9	9	9	10	9	9	9	9	9	10	11	10	10	10	10	9	9	9
MEAN	16	15	15	15	15	15	15	16	17	17	15	15	14	15	15	15	16	16	16	16	16	15	15	16	15.4

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARID MINI5TRY DF THE ENVIRONMENT - AIR RE5ORCE5 8RANCH

PDLLUTANT - TDTAL HYORDCAR8DN5 UNIT5 - O.1 PART5/MILLION

5TATION - C NO 31OD1 67 COLLEGE 5T FIFTH FLOOR TDRDNTO MDNTH - DEC 79

HOUR / OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	2D	21	22	23	24	MEAN
1	1D	10	9	9	9	9	9	9	9	9	10	10	12	12	12	****	13	12	11	11	9	9	9	9	10
2	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	10	11	11	11	11	11	11	11	9
3	11	11	10	10	9	9	10	11	12	12	38	17	21	21	21	20	****	2D	2D	2D	20	20	19	19	17
4	20	2D	21	2D	20	20	21	23	24	24	24	22	22	22	22	23	23	23	23	23	23	25	26	25	22
5	25	24	23	25	23	22	22	23	25	25	24	23	19	20	2D	21	22	22	22	21	20	19	18	13	22
6	18	17	17	17	17	17	19	22	24	22	23	2D	18	18	18	19	16	17	16	16	15	15	16	17	18
7	16	16	16	15	15	15	16	17	16	14	14	14	17	17	16	15	15	15	14	14	14	14	13	14	15
8	14	13	13	13	12	12	13	13	14	14	14	14	13	14	14	15	16	16	****	15	15	15	15	15	14
9	16	16	15	15	15	15	15	16	15	15	15	15	14	14	14	15	15	15	16	16	15	15	15	15	15
10	15	15	16	16	16	16	17	18	17	21	****	14	17	18	14	14	14	14	13	15	16	17	13	14	16
11	13	13	12	12	12	12	12	14	15	15	15	14	13	14	15	15	15	18	16	15	14	14	14	13	14
12	13	13	13	12	12	12	13	13	14	13	14	13	13	13	13	14	15	15	15	15	14	14	15	15	14
13	15	15	15	15	15	16	16	17	18	19	18	18	19	20	20	20	22	24	25	22	24	22	2D	18	19
14	18	19	19	19	2D	21	21	22	22	20	16	17	19	****	20	21	20	18	16	15	14	13	12	12	18
15	11	12	12	13	13	14	14	12	9	9	9	9	9	8	8	8	8	8	8	9	9	9	10	12	10
16	11	1D	1D	9	9	9	9	9	9	9	9	9	9	8	8	7	6	6	6	6	6	6	6	6	8
17	6	6	6	6	7	6	7	8	11	12	12	****	17	16	14	13	13	13	13	13	12	13	12	12	11
18	11	11	10	10	1D	10	11	11	12	13	14	13	14	13	14	16	17	17	13	14	14	11	10	1D	12
19	9	1D	9	9	1D	10	10	11	10	11	11	11	11	11	12	13	14	14	13	14	14	15	15	16	12
2D	16	14	14	14	14	15	15	16	18	18	17	17	17	17	17	17	19	23	25	25	27	26	15	14	18
21	14	13	13	13	13	12	13	14	17	15	15	15	15	15	16	17	17	18	22	19	21	18	17	17	16
22	16	15	15	14	14	14	14	14	14	14	15	15	15	15	17	17	16	15	15	16	16	18	20	19	16
23	19	19	19	19	19	19	16	15	16	15	16	15	18	18	17	18	16	18	17	17	17	17	18	17	17
24	17	18	15	17	20	19	20	17	15	14	14	13	13	13	18	14	13	13	13	12	13	13	12	13	15
25	14	14	13	13	12	12	11	11	11	11	11	11	11	11	11	12	11	11	11	12	12	12	12	12	12
26	12	12	12	12	12	12	12	12	13	13	13	13	13	13	14	14	15	14	15	16	15	16	16	16	14
27	16	16	16	16	17	17	19	13	****	****	23	22	22	22	22	23	23	21	20	18	17	16	15	15	19
28	14	14	14	13	13	13	14	15	16	16	15	15	15	14	14	15	16	16	15	15	15	16	17	15	15
29	15	15	15	16	16	17	17	16	17	15	14	14	13	13	13	13	13	14	14	13	13	13	13	13	14
30	13	13	13	13	12	12	13	13	15	14	13	12	12	11	11	11	12	13	13	13	13	14	13	13	13
31	13	12	12	12	16	17	15	15	16	17	17	15	14	13	14	15	15	15	16	16	17	16	18	-	15
MEAN	14	14	14	14	14	14	14	14	15	15	16	15	15	15	15	15	15	16	16	15	15	15	15	15	14.8

PERCENTAGE DF DATA VALID - 98.8 PERCENTAGE DF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - D.1

NOTE5 1. "****" INDICATE5 INVALID DATA DUE TD IN5TRUMENTATION FAILURE

2. "-" INOICATE5 DATA I5 UNAVAILA8LE

3. "*****" INDICATE5 LE5S THAN 2/3 VALID DATA FOR DAILY MEAN IN DNE DAY

DNTARID MINI5TRY OF THE ENVIRDNMENT - AIR RE5OURCE5 8RANCH

MDNTHLY 5UMMARY OF HOURLY ANO 2-HDURLY DATA FDR 1979

POLLUTANT - TOTAL HYOROCAR8DN5 UNIT5 - D.1 PART5/MILLION

5TATIDN - C ND 31DD1 67 CDLLEGE 5T FIFTH FLDDR TORDNTD

MDNTH	ND DF DAY5	AVERAGE CDNCENT	24-HDUR MAXIMUM	MAXIMUM READING
JAN	29	11.6	25	47
FE8	28	12.6	18	35
MAR	29	11.9	24	47
APR	3D	12.3	19	67
MAY	31	12.2	24	49
JUN	26	12.4	19	37
JUL	30	12.2	21	38
AUG	31	14.6	22	39
5EP	27	14.1	27	39
DCT	27	13.6	32	57
NDV	30	15.4	2D	37
OEC	31	14.8	22	38
YEAR	349	13.2	32	67

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	243	429	8	17	0	0	0	0	697
FEB	178	450	28	1	0	0	0	0	657
MAR	277	377	27	7	0	0	0	0	688
APR	236	436	30	3	1	0	0	0	706
MAY	321	337	56	15	0	0	0	0	729
JUN	217	404	28	3	0	0	0	0	652
JUL	292	359	56	5	0	0	0	0	712
AUG	92	529	108	10	0	0	0	0	739
SEP	191	353	78	21	0	0	0	0	643
OCT	204	414	39	24	0	0	0	0	681
NOV	46	565	92	3	0	0	0	0	706
DEC	98	539	97	1	0	0	0	0	735
YEAR	2395	5192	647	110	1	0	0	0	8345

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
95.3	0	7.4	10.1	12.0	13.9	18.6	21.8	26.9	33.1	67	13.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	14	18	25	27	27	26	24	26	23	14	14	13	13	15	14	14	14	13	13	13	13	17
2	12	12	12	12	12	12	13	14	15	14	14	14	15	15	19	20	21	21	21	20	-	-	-	18	16
3	17	17	17	17	17	18	19	20	19	19	18	18	18	18	18	18	19	19	18	18	18	17	17	17	18
4	17	17	17	17	17	18	18	20	20	19	18	18	18	18	16	****	19	19	19	18	18	18	17	17	18
5	17	16	16	17	16	16	17	19	19	19	19	18	18	18	18	18	20	20	19	19	20	20	****	20	18
6	20	20	19	20	19	20	20	19	21	20	19	19	19	18	18	18	18	18	18	18	18	18	17	18	19
7	18	19	18	18	19	18	18	19	20	20	19	19	19	20	20	23	22	21	21	20	19	19	19	19	19
8	18	17	17	17	18	20	22	25	27	24	21	20	19	****	18	18	19	19	19	19	18	18	19	19	20
9	17	17	17	17	17	17	18	19	19	19	19	19	18	15	19	20	20	21	20	19	19	19	20	20	19
10	21	20	21	20	20	19	20	22	23	21	20	19	19	****	18	18	21	21	20	21	20	19	****	19	20
11	17	18	18	19	19	20	24	29	38	38	30	23	20	19	19	19	20	21	24	-	-	25	26	24	23
12	22	24	21	21	21	27	23	24	23	20	16	16	16	****	27	28	19	18	-	-	32	32	30	32	23
13	33	28	21	19	17	16	16	16	16	17	17	16	16	16	16	16	16	15	15	15	16	15	15	15	17
14	15	15	15	17	17	17	18	18	19	17	16	15	15	15	15	14	14	15	15	15	15	14	14	14	16
15	14	14	14	14	14	14	14	15	16	17	17	17	18	20	28	27	26	23	21	20	20	19	18	18	18
16	17	17	17	17	17	17	19	21	22	21	20	19	18	19	20	20	20	21	22	23	23	23	25	27	20
17	31	25	26	24	23	20	17	18	18	17	17	17	17	19	25	21	21	24	25	28	22	20	19	20	21
18	18	18	17	16	16	16	17	19	19	18	-	-	16	18	17	18	20	20	20	19	20	20	18	18	18
19	18	19	18	19	19	20	20	23	23	22	21	19	-	18	15	16	16	16	15	15	15	14	14	14	18
20	14	14	14	14	13	13	14	14	14	15	15	15	15	15	15	15	15	15	15	15	15	16	15	15	15
21	14	14	14	14	14	14	14	14	14	14	14	14	14	15	14	16	14	14	13	13	13	13	13	13	14
22	13	13	12	13	13	-	15	17	18	15	14	14	14	14	14	14	14	****	15	15	14	15	16	17	15
23	16	15	15	14	14	15	16	19	19	17	17	15	14	14	14	14	14	14	14	14	14	14	14	14	15
24	14	14	14	14	14	14	14	14	14	-	14	14	15	14	22	23	23	20	19	18	18	18	17	17	16
25	17	17	16	18	19	18	19	19	21	19	20	21	21	19	20	20	24	22	20	21	20	19	18	18	19
26	18	17	17	17	16	16	18	21	23	19	18	20	20	19	19	19	22	22	21	21	22	21	19	21	19
27	19	19	18	21	30	18	19	20	20	22	22	21	21	20	21	19	22	22	20	21	21	20	19	19	21
28	20	20	19	18	17	17	17	17	17	17	17	18	18	18	18	18	17	17	17	17	17	17	17	16	18
29	16	16	16	16	16	16	17	18	19	18	18	17	17	17	17	19	20	18	18	17	18	17	17	17	17
30	16	16	16	16	16	16	17	18	19	18	19	17	17	17	17	18	18	-	17	17	17	18	38	18	18
31	17	17	16	16	16	16	18	20	19	18	18	18	18	17	17	18	19	19	18	18	17	17	17	17	18
MEAN	18	17	17	17	17	17	18	19	20	19	18	18	17	17	18	19	19	19	18	18	18	18	19	18	18.1

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	16	16	16	16	17	20	19	18	18	18	18	18	17	****	20	20	20	19	19	19	19	19	18
2	16	16	16	15	15	16	18	19	22	19	19	19	19	****	18	17	19	17	18	19	18	17	18	19	18
3	21	22	21	20	21	23	26	30	32	26	21	20	20	19	19	19	19	20	20	20	20	21	22	21	22
4	18	18	18	18	19	19	19	19	19	19	18	19	19	17	17	17	17	17	17	17	16	16	16	16	18
5	16	16	16	15	15	15	16	16	17	16	16	16	16	16	16	16	-	17	17	17	17	17	16	17	16
6	17	16	16	16	17	18	20	23	26	20	19	17	17	19	17	22	19	18	17	16	16	17	17	16	18
7	16	15	15	16	16	17	16	16	18	16	15	15	15	15	15	15	15	15	16	18	16	16	17	18	16
8	17	16	17	17	16	16	16	19	****	18	17	16	16	16	16	16	17	16	17	17	16	16	15	16	16
9	15	15	15	14	14	15	16	18	18	17	17	17	17	17	14	17	18	18	20	20	20	19	19	20	17
10	20	18	18	19	18	18	19	24	26	22	19	17	17	17	17	17	17	17	16	16	16	16	15	15	18
11	15	15	15	15	16	16	16	16	16	15	15	15	15	16	16	16	16	17	19	20	24	25	27	26	18
12	22	22	24	25	26	23	23	25	26	21	22	18	17	16	15	16	19	21	22	20	18	17	16	17	20
13	16	16	16	16	15	15	15	16	19	18	17	16	17	15	24	18	19	19	****	18	17	18	18	18	17
14	17	17	17	17	17	16	16	20	18	17	18	18	17	18	17	17	16	15	17	17	17	17	22	21	17
15	20	16	17	15	15	15	15	16	17	16	16	16	15	15	16	15	15	15	-	15	16	15	15	17	16
16	16	17	17	15	16	15	16	18	18	18	16	19	21	19	18	19	20	19	18	18	18	-	19	16	18
17	16	16	15	15	16	16	16	17	17	18	18	18	18	18	21	19	19	19	19	18	18	18	17	17	17
18	17	17	18	21	19	19	18	18	18	17	16	15	15	15	15	15	15	16	15	15	-	15	16	****	17
19	****	16	****	16	16	17	21	35	38	33	27	22	20	19	19	19	22	22	23	23	21	21	21	20	22
20	20	20	20	20	20	20	20	22	23	23	23	23	****	21	21	20	21	21	21	21	23	23	24	23	21
21	19	20	19	19	19	22	22	22	21	20	18	18	18	20	20	20	22	19	20	19	18	18	17	16	19
22	16	16	16	15	15	16	17	19	18	18	18	18	17	17	17	17	18	16	16	16	17	16	15	15	17
23	15	15	15	15	15	15	15	16	18	18	16	16	16	16	16	17	18	17	17	18	18	18	20	21	17
24	25	26	21	17	17	17	18	24	37	23	20	20	19	19	19	18	18	18	18	16	15	15	15	15	20
25	15	14	14	14	15	16	14	14	14	14	15	15	15	14	14	14	14	15	14	14	14	14	16	14	14
26	14	15	18	16	14	14	15	15	15	16	16	16	15	15	17	21	21	****	20	19	19	19	19	19	17
27	19	18	20	19	18	18	20	23	25	22	21	21	21	20	20	21	21	21	22	23	****	****	****	****	21
28	****	****	****	****	****	****	****	****	****	****	****	19	29	25	24	24	26	28	31	31	31	35	30	25	******
MEAN	17	17	17	17	17	17	18	20	21	19	18	18	18	17	18	18	19	18	19	19	18	18	19	18	18.2

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 3.6 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	21	20	21	20	18	18	18	18	18	18	18	17	17	16	16	16	17	18	17	17	18	18	22	18
2	18	17	16	16	16	16	17	20	21	19	20	19	19	18	18	18	17	-	****	17	17	18	17	17	18
3	16	17	16	16	16	16	17	17	17	17	17	18	18	17	17	18	18	18	18	18	20	20	22	21	18
4	19	18	17	17	17	16	16	16	16	16	16	16	16	16	17	17	19	19	19	17	18	19	20	20	17
5	19	16	16	17	22	22	21	21	20	20	18	18	17	18	19	16	17	18	18	18	19	19	19	19	19
6	19	18	17	17	17	17	19	22	19	19	18	16	16	18	18	18	18	18	18	18	17	17	17	17	18
7	-	****	15	16	17	22	29	35	25	18	15	14	14	14	14	14	15	16	15	16	18	18	23	31	19
8	31	34	29	25	22	21	19	20	19	18	17	16	16	16	15	17	18	18	19	19	19	19	18	18	20
9	17	18	17	18	18	20	22	30	33	24	20	19	17	17	14	17	17	18	18	18	18	18	17	17	19
10	19	20	20	20	19	19	19	19	18	17	18	18	18	17	17	17	17	17	16	16	16	15	15	15	18
11	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
12	15	15	15	15	15	14	15	16	16	15	15	15	15	****	15	15	16	16	15	16	16	18	-	22	16
13	20	17	16	16	16	16	17	18	18	17	17	16	17	18	18	19	21	21	19	17	17	17	17	16	18
14	16	16	16	16	15	15	16	16	17	16	15	15	15	14	13	14	14	15	14	15	14	14	14	14	15
15	13	13	13	13	13	13	13	15	15	14	14	14	14	14	14	14	15	14	14	14	15	15	15	16	14
16	18	17	16	15	15	-	16	17	17	15	15	15	15	15	****	16	16	16	18	22	23	22	20	20	17
17	20	21	22	22	21	20	21	21	21	20	17	18	17	15	15	15	15	17	17	16	17	16	17	28	19
18	24	24	30	32	22	22	22	22	18	17	16	16	17	17	17	16	15	14	15	17	18	15	16	15	19
19	15	15	14	16	27	30	24	21	17	14	13	13	13	13	13	13	14	15	17	26	29	26	33	36	19
20	35	27	21	22	19	20	24	27	27	20	17	16	16	****	21	21	19	-	****	22	19	****	20	21	22
21	20	20	21	20	21	20	23	34	30	19	16	15	15	15	15	15	15	16	18	25	28	34	44	44	23
22	44	54	48	47	41	24	26	26	25	23	20	21	20	18	18	17	16	16	17	21	30	33	23	20	27
23	19	20	19	17	16	16	16	16	17	17	18	18	17	17	****	16	19	18	18	18	17	17	17	17	17
24	17	17	17	16	16	16	15	15	15	16	16	16	16	20	20	18	17	16	15	18	19	22	26	39	18
25	23	19	17	17	17	16	16	16	16	16	16	16	16	16	17	16	17	17	17	17	17	17	17	16	17
26	16	15	15	15	15	15	16	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
27	15	15	15	15	15	15	15	16	16	15	15	22	16	23	22	18	18	17	17	16	16	16	16	17	17
28	17	19	18	20	18	20	25	17	16	16	15	16	16	16	15	16	15	15	16	16	16	16	17	17	17
29	16	18	20	20	20	20	22	31	32	28	23	23	22	20	21	21	23	21	18	19	20	19	18	18	21
30	26	19	17	16	16	16	16	18	-	17	17	20	20	20	19	21	20	23	23	30	27	21	19	20	20
31	20	22	18	18	18	18	20	21	22	20	18	18	18	17	18	18	17	18	18	17	17	16	16	16	18
MEAN	20	20	19	19	19	18	19	20	20	18	17	17	17	17	17	17	17	17	17	18	19	19	19	21	18.3

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	15	15	15	15	15	15	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
2	15	16	15	15	15	15	16	16	17	17	18	****	18	18	16	18	22	22	23	20	20	19	17	17	18
3	16	16	15	15	15	15	16	16	17	****	****	15	16	15	13	19	20	20	19	19	20	19	19	18	17
4	19	19	19	21	20	21	29	28	20	17	17	17	16	16	16	16	16	16	16	16	15	16	16	16	18
5	17	18	17	16	16	****	18	19	-	-	17	17	17	17	23	22	21	21	20	20	18	18	17	17	18
6	18	18	16	17	17	17	17	18	18	17	17	17	17	16	16	16	16	16	16	16	16	15	15	15	17
7	15	15	15	15	15	15	****	****	****	****	****	****	16	16	16	16	16	16	16	16	16	16	16	16	16
8	17	18	17	17	16	16	16	15	****	****	****	****	****	14	14	15	15	15	15	15	15	15	15	15	16
9	15	15	15	15	15	15	15	15	16	17	16	16	16	16	15	****	18	17	17	17	18	19	20	22	17
10	16	15	14	14	14	14	16	18	17	16	16	16	16	15	15	****	****	****	****	****	****	****	****	18	16
11	18	17	17	16	17	17	18	21	16	14	14	14	14	****	13	14	14	14	15	15	16	15	14	15	16
12	18	16	15	14	14	14	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
14	14	14	14	14	13	13	14	16	16	16	16	17	17	16	16	17	16	16	16	15	15	17	27	34	17
15	27	18	16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15
16	14	14	15	14	14	14	15	18	17	15	16	16	16	15	15	15	16	****	16	15	****	15	15	15	15
17	14	14	14	14	14	14	15	18	16	15	15	15	14	-	-	15	16	16	16	17	17	16	16	16	15
18	15	15	15	15	15	15	16	18	17	15	15	****	-	-	15	16	16	16	15	15	15	15	15	15	15
19	15	15	14	15	15	15	17	18	16	15	15	15	15	15	22	16	16	17	17	18	18	17	18	16	16
20	16	16	16	18	21	22	22	23	20	20	18	17	18	17	17	18	18	17	19	20	26	31	32	36	21
21	32	34	33	33	36	34	36	26	20	17	16	16	16	16	15	15	15	15	15	17	19	19	16	15	22
22	18	21	24	24	18	16	16	16	15	15	16	15	15	15	15	15	16	17	17	20	23	21	18	17	18
23	16	16	17	17	18	19	21	21	19	20	17	16	15	11	23	15	16	16	15	18	22	31	28	42	20
24	34	32	31	32	41	38	30	23	21	19	18	18	16	15	15	15	15	16	15	15	16	16	17	18	22
25	20	18	16	16	18	****	14	15	15	15	15	17	17	****	16	17	18	18	18	19	20	17	17	18	17
26	19	22	25	19	16	16	16	16	16	17	16	16	17	16	16	15	16	17	17	15	15	14	14	14	17
27	15	15	18	15	14	14	15	18	17	16	15	15	17	16	16	16	17	17	16	16	15	14	14	15	16
28	14	15	14	14	14	14	14	14	14	14	14	14	14	16	15	14	15	15	14	15	17	18	21	21	15
29	18	15	14	14	14	14	14	14	14	14	14	15	15	15	14	14	14	15	15	16	17	18	16	17	15
30	15	18	32	19	17	16	18	17	15	15	15	15	15	15	14	14	15	15	16	15	17	17	19	16	17
MEAN	18	17	18	17	17	17	18	18	17	16	16	16	16	15	16	16	16	16	16	16	17	17	18	18	16.8

PERCENTAGE OF DATA VALID - 95.0 PERCENTAGE OF DATA INVALID - 4.2 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	14	15	14	14	14	16	16	15	15	15	15	15	12	16	17	17	16	17	17	17	19	17	17	16
2	16	17	17	17	19	20	23	17	16	16	15	15	15	15	15	15	15	15	15	16	17	15	15	15	16
3	15	15	14	14	14	15	15	15	15	15	15	15	15	16	18	25	30	32	29	18	16	16	16	15	18
4	15	15	14	15	15	16	18	18	16	16	16	16	16	17	17	17	-	17	17	16	15	15	15	15	16
5	15	15	14	14	15	15	15	16	16	15	15	15	15	15	15	16	15	15	16	17	15	15	16	15	15
6	15	15	16	15	15	14	14	14	14	14	15	14	15	14	15	15	14	15	15	15	14	14	14	14	15
7	14	14	14	14	14	15	15	15	15	15	15	15	15	14	21	15	15	15	15	14	14	14	14	14	15
8	14	14	15	15	16	18	16	17	20	20	20	19	18	17	17	18	19	21	21	24	26	23	21	21	19
9	22	25	25	36	62	61	49	27	22	24	21	20	18	18	18	18	18	18	18	****	****	****	****	****	27
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	26	16	17	****	****	23	18	18	21	30	******
11	****	****	****	****	****	****	17	18	18	18	18	18	17	****	19	18	16	16	16	16	16	16	16	****	17
12	****	****	****	****	****	****	****	****	24	21	19	17	16	18	18	17	17	16	17	****	****	15	16	15	******
13	15	15	15	15	14	14	14	14	15	15	15	16	15	16	16	16	16	16	16	-	****	****	****	****	15
14	****	****	****	****	****	****	****	****	****	****	****	19	17	16	16	17	17	17	21	22	24	23	22	18	******
15	17	17	19	19	19	21	23	22	20	17	18	19	21	19	19	18	18	17	17	17	17	15	15	14	18
16	14	14	14	13	14	15	16	16	15	****	15	16	16	15	15	16	15	16	16	16	18	43	18	16	17
17	-	17	17	****	21	26	23	20	19	16	16	15	15	13	17	16	15	15	15	15	16	15	15	15	17
18	14	17	32	37	31	24	19	17	15	16	16	16	16	16	16	15	15	15	15	16	15	16	17	16	18
19	18	18	17	16	16	15	15	15	15	15	15	15	15	15	14	15	14	16	15	15	14	14	15	16	15
20	16	15	15	15	15	16	16	15	15	15	15	15	15	15	15	15	15	15	15	16	18	19	24	22	16
21	****	22	25	24	24	22	15	15	14	15	15	15	15	15	14	14	14	15	15	14	14	15	15	14	17
22	14	14	14	15	15	17	17	15	14	15	14	14	14	13	20	13	13	13	13	14	14	15	17	****	15
23	15	14	21	23	29	19	17	18	16	14	13	13	13	13	13	13	13	13	14	14	14	14	16	25	16
24	49	19	17	16	16	15	15	15	15	14	14	14	14	13	15	17	17	17	17	18	19	22	23	18	18
25	17	17	16	17	-	****	18	19	18	18	18	17	18	17	17	17	17	17	17	17	17	17	18	19	17
26	17	16	16	16	17	18	19	17	17	16	16	17	17	18	18	18	19	19	20	20	18	18	20	21	18
27	20	20	20	20	19	18	18	18	17	18	18	18	18	18	18	17	17	17	17	18	19	25	28	23	19
28	18	21	24	24	28	29	33	28	24	22	21	19	18	25	19	20	20	19	21	21	21	23	23	27	23
29	28	30	35	44	45	43	36	26	24	21	26	24	23	21	20	19	17	25	17	17	18	18	18	25	26
30	24	24	23	23	23	28	23	21	18	20	21	24	19	18	17	19	19	19	22	23	25	28	37	34	23
31	41	41	44	44	52	61	58	43	26	20	18	17	17	16	16	16	16	16	16	17	19	19	33	36	29
MEAN	19	18	20	21	22	23	21	19	18	17	17	17	16	16	17	17	17	17	17	17	17	19	19	20	18.3

PERCENTAGE OF DATA VALID - 91.5 PERCENTAGE OF DATA INVALID - 7.9 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	28	35	29	20	18	17	16	17	16	16	****	-	-	15	15	15	15	16	17	17	19	24	27	20
2	33	29	25	22	18	17	18	17	17	17	17	17	16	17	17	18	17	18	17	18	19	23	25	24	20
3	19	21	20	17	17	17	17	19	19	18	18	18	18	17	17	17	16	16	17	20	22	22	19	19	18
4	20	23	28	26	24	24	24	29	26	25	22	20	19	11	17	17	17	18	18	19	28	22	18	19	21
5	20	17	16	17	18	21	22	18	17	18	17	-	17	16	16	17	17	16	17	17	16	17	16	17	17
6	15	15	17	16	17	17	16	15	15	15	15	15	14	14	13	14	14	15	15	14	14	14	14	15	15
7	15	15	16	16	15	16	17	17	18	18	18	18	18	18	18	18	17	18	18	18	21	22	26	22	18
8	20	19	19	20	20	23	21	20	20	19	18	19	18	22	19	18	18	19	20	23	24	23	25	20	20
9	20	21	25	31	42	42	25	20	17	16	15	15	15	15	16	16	16	16	15	15	15	15	16	17	20
10	19	21	17	21	20	18	17	17	17	17	18	17	17	16	16	16	16	16	16	16	18	17	15	15	17
11	15	15	15	15	15	15	16	16	16	16	16	16	15	15	16	17	17	-	-	16	16	18	21	17	16
12	16	17	17	16	16	17	19	17	16	16	16	17	16	****	19	18	18	17	****	18	18	18	18	17	17
13	17	17	17	17	17	18	20	19	19	19	18	18	18	18	14	15	15	14	15	15	17	19	24	28	18
14	34	32	31	33	****	32	****	****	19	17	17	16	16	15	15	15	16	16	17	20	21	19	20	20	21
15	22	22	21	20	22	23	24	25	22	21	****	****	23	20	19	20	20	19	20	20	20	20	19	18	21
16	18	17	17	17	17	18	18	18	18	18	18	19	18	18	18	18	18	19	19	20	21	20	21	24	19
17	24	22	22	24	25	21	20	19	20	21	20	18	18	18	18	18	18	17	18	20	18	19	18	17	20
18	16	16	16	20	15	15	16	17	16	16	****	16	16	16	20	16	16	17	16	16	22	31	27	53	19
19	22	20	18	16	16	17	18	18	16	15	15	15	15	15	15	15	15	15	14	15	16	16	17	17	16
20	17	19	19	18	23	20	17	16	15	16	16	16	16	16	16	16	15	15	16	15	15	16	19	16	17
21	15	15	15	15	15	16	17	20	19	17	16	16	16	16	16	16	16	16	15	16	16	18	23	17	17
22	19	17	17	16	15	17	19	22	25	24	21	18	17	18	18	17	-	17	16	16	15	15	15	15	18
23	15	15	14	14	14	15	15	15	15	15	15	16	16	16	15	16	16	16	16	15	15	15	15	15	15
24	15	16	****	15	15	15	15	****	15	15	15	15	15	15	15	15	15	15	16	15	16	17	16	15	15
25	15	15	15	16	17	17	18	17	17	15	15	15	15	22	14	14	-	15	15	18	20	25	27	32	18
26	33	29	29	34	37	34	28	22	18	16	16	15	16	15	****	16	15	16	16	16	16	18	19	19	21
27	19	19	22	21	20	21	22	23	23	23	21	19	18	20	22	22	20	18	18	18	18	18	18	17	20
28	18	18	19	22	23	20	20	20	20	20	20	18	16	15	17	16	15	15	15	17	17	18	16	18	18
29	24	26	20	22	15	16	18	16	17	17	16	16	16	16	16	15	15	15	15	15	16	15	15	-	17
30	15	15	15	15	15	15	15	15	15	15	15	15	16	15	15	-	14	15	15	15	15	14	15	14	15
MEAN	20	20	20	20	19	20	19	19	18	18	17	17	17	17	17	17	16	16	16	17	18	19	19	20	18.2

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	14	14	14	15	14	15	15	14	14	14	15	15	15	15	16	16	16	15	15	15	16	15
2	18	19	19	19	20	18	16	15	15	15	14	14	14	14	14	14	14	15	14	15	15	15	14	14	16
3	14	14	14	14	15	16	18	16	17	16	****	15	16	16	16	17	17	17	17	33	17	17	18	17	17
4	17	16	16	16	17	19	20	21	17	17	17	17	16	16	16	17	17	16	16	17	16	16	16	15	17
5	16	15	15	15	15	17	18	17	17	17	15	****	16	16	16	16	16	15	16	16	17	16	16	15	16
6	14	15	15	15	15	18	19	19	16	15	15	16	16	16	16	16	16	16	16	17	17	16	18	17	16
7	17	18	16	16	17	32	24	23	23	24	25	22	21	20	20	20	20	21	21	21	22	22	24	26	21
8	26	25	25	24	25	24	23	21	21	24	22	21	20	20	19	20	20	20	20	22	23	24	23	24	22
9	26	30	39	44	59	46	27	22	21	22	21	21	21	20	20	20	20	20	21	24	25	31	33	29	28
10	22	23	23	21	20	21	20	21	21	22	20	-	21	****	****	****	****	****	****	****	****	****	****	****	******
11												- DATA INVALID -													
12												- DATA INVALID -													
13	****	****	****	****	****	****	****	****	****	****	****	****	13	11	10	10	****	****	****	****	****	****	****	****	******
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17	****	****	****	****	****	****	****	-	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	13	******
18	13	13	13	13	15	15	17	16	13	12	12	12	12	12	12	13	13	12	14	14	16	17	15	14	14
19	14	15	13	14	18	20	21	18	16	14	13	12	13	13	13	13	12	12	13	15	18	17	18	18	15
20	17	19	17	18	17	19	20	17	18	19	18	15	14	13	12	12	12	12	13	13	14	16	20	24	16
21	****	19	24	27	28	23	19	17	13	13	13	12	12	12	13	13	12	13	13	14	15	18	19	20	17
22	18	18	20	26	17	17	-	18	14	14	14	14	13	13	13	12	13	13	13	14	15	16	16	14	15
23	****	16	16	15	17	19	18	19	18	16	15	14	14	12	12	12	12	12	12	12	12	14	15	14	15
24	15	16	16	15	16	16	15	15	15	15	15	14	13	18	15	12	12	12	12	12	13	12	12	13	14
25	13	12	12	11	12	12	13	12	12	12	11	12	12	11	12	****	12	12	13	13	13	13	13	****	12
26	13	13	13	13	14	****	17	17	16	****	12	12	12	11	12	12	12	12	12	12	12	11	12	11	13
27	11	11	11	11	11	13	14	14	13	12	12	13	12	-	11	12	12	11	12	15	16	15	14	13	13
28	12	13	13	14	14	18	22	16	12	12	13	15	15	13	12	12	12	12	12	12	13	13	12	14	14
29	13	12	12	14	13	13	12	11	11	12	12	-	12	12	12	11	11	12	13	15	16	16	13	13	13
30	13	12	12	12	13	13	16	16	12	11	12	12	11	11	11	11	11	11	11	11	11	11	11	14	12
31	12	12	12	12	14	14	15	17	17	15	15	15	14	27	13	15	15	14	15	16	14	15	14	13	15
MEAN	16	16	17	17	18	19	18	17	16	16	15	15	15	15	14	14	14	14	15	16	16	16	17	17	15.9

PERCENTAGE OF DATA VALID - 75.0 PERCENTAGE OF DATA INVALID - 24.3 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	11	12	11	12	13	13	14	12	12	11	11	11	11	11	11	11	11	11	11	11	12	12	11	12
2	11	11	11	11	11	11	11	12	12	12	13	13	13	12	13	12	12	12	13	13	16	14	15	15	12
3	14	16	17	18	20	22	22	18	15	14	14	13	14	13	13	13	13	14	13	15	16	17	17	20	16
4	20	18	17	18	18	17	16	15	15	13	15	13	13	13	13	12	12	13	13	15	16	13	14	15	15
5	16	14	13	12	12	13	16	13	12	11	11	11	11	11	11	11	11	11	11	12	13	13	12	12	12
6	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	13	13	14	15	12
7	14	14	12	13	14	14	14	13	12	12	12	13	****	****	25	13	14	15	15	13	13	12	12	11	14
8	12	12	13	13	13	14	15	16	15	14	13	13	14	13	12	13	13	13	32	14	13	13	13	12	14
9	12	12	13	12	13	14	14	12	11	11	11	10	9	****	11	11	11	11	11	11	11	11	11	11	11
10	11	13	13	12	11	11	11	11	13	16	14	12	****	12	13	13	13	13	14	13	12	13	13	12	13
11	20	11	11	11	11	11	11	11	11	11	11	11	12	11	12	11	11	12	12	13	12	12	12	12	12
12	12	12	12	12	17	14	15	15	11	11	11	10	10	10	10	10	10	10	10	12	13	14	17	18	12
13	20	21	17	16	19	21	21	19	17	14	13	13	12	12	12	13	12	13	13	12	12	12	12	12	15
14	12	12	12	11	11	13	14	13	12	12	11	11	11	11	10	12	12	12	-	12	11	11	12	11	12
15	12	11	11	11	11	11	12	13	12	13	12	12	13	12	12	13	13	12	21	13	13	12	12	13	13
16	12	13	12	13	12	14	17	14	13	11	12	12	12	12	12	12	12	12	12	13	15	16	23	32	14
17	21	16	18	17	18	21	24	23	20	20	16	16	15	13	13	14	14	14	15	14	13	13	14	14	17
18	14	14	12	12	12	12	12	12	13	13	13	13	13	13	14	15	15	23	19	20	18	19	20	20	15
19	21	19	17	15	15	13	12	12	12	12	12	11	12	12	11	12	13	14	15	16	16	16	14	14	14
20	12	12	13	13	12	16	17	21	13	12	12	11	11	11	12	13	11	11	11	12	14	22	24	21	14
21	26	22	23	24	26	23	21	20	15	14	14	14	13	8	12	11	11	12	13	18	22	22	17	16	17
22	14	13	13	14	13	13	12	12	11	11	11	11	11	11	12	12	13	12	11	12	11	11	11	11	12
23	11	12	12	12	12	13	13	13	12	11	10	11	12	13	13	13	13	13	13	13	13	12	12	12	12
24	11	10	12	12	11	13	14	15	14	13	12	12	****	12	11	11	11	11	12	12	13	13	12	12	12
25	13	12	10	10	11	11	12	11	11	10	10	10	11	11	11	11	11	11	11	11	10	10	11	11	11
26	11	10	11	12	13	13	13	12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	13	15	11
27	11	11	11	****	10	13	16	16	14	14	15	14	11	11	11	10	10	10	11	11	12	13	14	16	12
28	17	20	19	26	40	40	27	18	11	10	10	11	9	11	10	10	11	10	10	11	11	11	11	11	16
29	11	10	10	10	11	12	13	12	12	13	13	14	13	13	13	13	13	12	12	13	12	13	15	15	12
30	16	16	16	15	17	21	22	18	13	14	14	13	13	12	11	11	11	11	11	12	11	12	11	12	14
31	11	10	11	11	13	14	16	13	11	10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	11
MEAN	14	14	13	14	15	15	15	14	13	12	12	12	12	12	12	12	12	12	13	13	13	13	14	14	13.2

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	15	20	23	29	25	30	22	15	14	13	12	12	12	12	11	11	11	11	11	11	11	11	11	15
2	11	12	11	11	12	11	12	11	11	11	11	12	12	12	12	12	11	11	11	11	11	11	12	13	11
3	13	13	13	13	12	10	10	10	10	9	10	10	10	10	10	10	10	10	11	11	10	10	10	10	11
4	10	10	11	11	10	12	12	12	12	11	10	10	10	10	10	10	10	10	10	10	11	11	12	18	11
5	38	35	29	23	16	20	17	14	11	12	****	12	11	11	11	12	12	12	12	13	13	17	21	18	17
6	16	20	20	18	14	12	14	18	16	14	13	13	12	11	15	16	16	15	16	15	14	15	14	14	15
7	14	14	14	14	14	15	16	15	14	13	13	14	14	16	16	16	15	16	18	16	15	14	15	14	15
8	14	13	13	13	13	13	14	14	14	14	14	14	14	14	14	13	14	14	15	17	15	15	15	16	14
9	16	17	16	16	16	17	18	17	14	14	15	15	15	15	14	14	14	14	14	15	15	15	15	17	15
10	18	17	20	20	20	21	20	19	17	17	16	17	16	22	12	14	14	12	12	12	11	13	14	13	16
11	11	11	12	14	14	17	19	15	12	11	10	11	11	12	11	-	13	13	13	14	14	18	21	28	14
12	29	21	16	11	10	11	11	11	11	11	11	11	11	****	12	11	10	10	11	11	10	10	11	11	12
13	11	12	12	12	13	13	15	13	13	13	13	13	13	13	13	13	13	14	14	13	12	12	12	12	13
14	13	12	12	12	12	12	13	17	14	14	13	14	13	14	13	13	12	12	12	12	12	11	11	11	13
15	11	11	11	11	11	11	12	12	11	11	11	11	11	11	11	11	11	11	11	11	12	12	14	14	11
16	15	14	13	13	12	13	13	14	14	13	13	13	13	13	12	13	13	13	16	15	14	15	14	15	14
17	16	14	14	15	17	18	19	18	17	17	17	15	15	14	14	14	15	14	16	14	13	13	13	13	15
18	13	13	13	15	14	15	17	17	16	15	14	13	13	13	14	13	13	12	13	****	11	11	11	11	13
19	11	17	11	10	11	13	16	15	12	12	12	12	11	11	12	12	12	****	14	14	13	14	14	15	13
20	15	17	18	18	23	25	29	31	19	14	13	12	12	12	12	13	13	14	13	13	14	14	16	17	17
21	15	15	17	16	16	19	20	23	18	17	16	14	14	14	14	15	14	13	17	16	****	13	13	12	16
22	13	****	13	13	13	14	13	12	12	12	12	12	12	12	13	12	13	13	13	13	13	25	12	12	13
23	13	13	13	12	13	13	13	13	13	12	11	11	11	11	11	11	11	11	12	14	19	23	21	23	14
24	22	23	22	21	23	27	32	22	14	13	12	12	12	12	13	13	12	12	12	13	12	13	15	17	17
25	24	26	25	30	21	25	29	32	25	20	18	17	****	****	13	15	16	14	17	15	15	17	21	24	21
26	18	15	14	13	13	15	21	20	17	15	15	14	13	14	14	13	14	15	15	19	20	23	25	27	17
27	23	26	24	22	23	25	33	25	19	23	19	18	16	14	12	12	12	13	15	17	18	15	16	18	19
28	16	14	13	13	13	14	17	16	16	15	13	13	14	14	14	13	12	12	14	13	12	13	14	15	14
29	16	15	14	14	14	15	16	16	14	14	13	13	12	12	11	11	11	11	11	11	14	13	14	12	13
30	12	12	12	12	12	12	12	14	14	14	14	14	13	13	13	12	12	13	13	15	17	14	12	11	13
MEAN	16	16	16	15	15	16	18	17	15	14	13	13	13	13	13	13	13	13	13	14	13	14	15	15	14.4

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	11	11	11	12	12	14	16	14	****	13	11	12	12	11	11	11	11	12	14	21	16	14	14	13
2	14	13	13	13	15	12	15	18	16	15	13	12	12	****	13	13	13	13	13	14	13	13	12	12	13
3	12	12	12	13	12	13	13	13	14	15	16	14	17	19	21	21	18	17	16	13	14	15	16	14	15
4	12	12	12	12	12	15	18	19	15	13	12	16	17	15	13	17	18	17	14	14	20	18	20	19	15
5	21	24	17	15	17	13	15	18	18	17	16	16	16	15	16	17	20	18	16	13	13	13	12	12	16
6	12	11	11	12	12	12	12	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	13	12
7	13	13	12	12	12	11	11	11	11	11	11	11	11	11	11	11	12	12	11	11	11	11	11	11	11
8	11	-	11	11	11	11	12	12	11	11	11	11	11	12	12	12	12	12	13	12	11	11	12	12	12
9	11	11	11	12	12	12	12	14	13	13	-	****	12	12	10	11	11	12	13	13	12	12	14	16	12
10	15	15	-	13	15	****	26	32	15	11	10	10	9	9	9	9	9	10	13	10	11	10	11	12	13
11	12	11	12	13	13	16	21	21	17	16	14	10	10	10	****	9	10	10	10	12	14	12	10	9	13
12	9	9	9	9	9	10	12	15	14	13	10	10	9	11	11	12	13	14	15	13	10	11	10	10	11
13	10	9	9	9	9	10	10	10	10	10	11	11	11	12	11	10	11	11	11	11	10	10	11	11	10
14	10	10	11	9	9	10	10	10	9	10	10	10	10	10	9	10	10	10	10	11	10	11	11	10	10
15	10	10	10	10	10	11	12	-	13	****	16	15	13	12	17	13	13	13	14	13	13	12	12	11	12
16	17	17	13	11	10	11	12	13	11	10	10	-	10	10	10	10	10	11	11	11	11	13	15	15	12
17	15	15	19	32	25	24	21	-	-	16	16	18	24	27	32	35	32	29	26	27	29	32	30	28	25
18	24	13	12	11	12	15	17	13	11	10	10	10	10	10	10	11	11	12	13	13	14	22	34	23	14
19	15	13	13	12	12	12	12	12	12	12	13	13	15	15	14	-	-	16	17	15	15	15	15	14	14
20	15	15	14	14	14	15	15	16	16	16	14	14	13	13	14	14	14	14	13	13	13	13	12	13	14
21	13	13	13	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	14	17	17	16	13
22	13	13	14	14	14	14	16	21	17	17	15	14	10	11	14	15	17	16	14	15	21	17	15	13	15
23	13	13	13	14	14	13	14	14	15	16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
24	13	13	13	13	13	14	15	14	14	14	15	15	14	12	14	14	15	14	14	13	14	-	16	14	14
25	13	13	13	13	13	15	16	17	15	14	15	15	16	15	17	18	17	17	16	15	15	15	15	14	15
26	14	14	14	14	15	15	17	18	18	16	16	15	15	-	14	14	14	14	14	14	13	13	14	13	15
27	13	13	13	12	13	14	15	15	14	13	13	12	13	12	12	12	13	12	13	13	12	12	13	13	13
28	13	13	13	13	13	13	15	15	15	15	14	14	14	14	14	14	14	14	14	13	14	13	13	13	14
29	13	12	12	12	12	12	14	19	17	16	15	15	15	24	14	16	17	15	15	14	16	14	14	14	15
30	13	13	13	13	13	15	16	13	13	14	13	13	13	13	13	30	14	13	13	13	13	13	13	13	14
31	13	13	13	13	13	13	13	14	14	14	14	13	14	14	14	14	14	14	14	14	14	16	17	18	14
MEAN	13	13	13	13	13	13	15	15	14	14	13	13	13	13	14	14	14	14	14	13	14	14	15	14	13.7

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	15	15	14	15	15	16	17	16	13	****	****	14	14	16	15	16	23	29	23	16	15	14	14	16
2	13	13	13	13	15	15	16	18	18	16	14	14	14	14	14	15	16	18	19	20	19	15	14	14	15
3	15	16	18	18	18	18	19	20	21	18	15	15	16	15	14	14	15	15	14	15	15	14	14	-	16
4	14	14	14	14	13	14	14	13	12	13	12	12	12	13	13	14	14	14	14	17	20	19	17	19	14
5	20	24	25	24	24	29	28	33	25	15	13	13	13	13	18	14	14	14	14	14	14	15	23	34	20
6	33	29	33	34	30	29	28	27	29	24	18	17	19	18	18	20	19	17	18	18	23	32	22	20	24
7	17	16	15	14	14	13	14	16	17	15	14	14	14	14	14	16	16	16	16	14	15	15	15	15	15
8	16	16	15	15	14	-	****	15	15	15	15	16	16	17	17	17	17	17	17	18	16	17	16	17	16
9	17	18	20	22	22	31	34	36	41	27	19	****	15	14	****	****	22	16	16	-	16	****	15	16	22
10	17	18	****	****	****	****	16	15	15	****	15	****	15	****	****	****	****	****	****	****	****	****	****	****	******
11	****	****	-	14	14	****	****	16	15	15	****	****	-	16	16	****	15	****	16	****	****	18	18	19	******
12	18	19	15	-	15	15	****	19	20	17	15	****	17	16	****	17	17	21	****	28	****	33	29	****	19
13	****	****	23	26	****	****	****	26	22	****	****	****	18	19	21	19	24	23	27	24	21	20	18	19	22
14	18	18	18	18	18	18	20	21	21	20	18	17	18	18	22	15	19	16	16	16	14	15	16	18	18
15	18	17	20	22	19	18	19	21	19	18	16	16	16	17	19	19	19	20	20	19	17	16	14	14	18
16	13	13	13	13	13	13	15	18	18	15	15	15	15	15	14	15	16	17	15	14	15	16	15	15	15
17	14	14	13	13	14	14	14	14	15	15	16	16	13	13	13	13	14	15	15	16	20	22	26	29	16
18	27	31	33	24	22	23	20	18	21	15	12	10	10	10	10	10	10	11	10	10	10	10	10	10	16
19	10	9	9	9	10	10	10	10	10	10	10	11	11	10	10	10	10	11	12	12	13	13	13	13	11
20	14	13	13	14	16	16	26	23	24	17	14	13	12	32	15	14	15	15	14	15	13	13	12	13	16
21	12	12	12	12	11	12	12	13	13	12	12	12	12	11	11	11	12	-	11	12	12	12	12	12	12
22	12	12	14	13	13	15	19	23	22	16	16	17	19	18	17	17	15	15	15	14	14	14	15	16	16
23	16	14	14	13	13	13	14	14	14	14	15	17	16	16	17	18	17	22	26	25	19	18	23	23	17
24	25	27	26	17	13	13	13	14	13	14	13	14	14	13	14	14	15	18	18	17	17	****	18	18	16
25	21	22	26	27	26	26	35	32	29	19	:5	13	13	13	12	12	12	12	12	12	12	13	13	13	18
26	12	12	12	12	12	12	12	14	13	12	12	13	13	13	13	13	13	13	12	12	13	13	13	13	13
27	13	13	13	13	13	14	15	16	17	17	15	15	14	37	14	15	18	17	17	17	19	17	22	18	17
28	20	18	18	17	15	14	17	16	15	14	13	14	14	14	14	22	15	15	15	14	14	14	14	14	15
29	14	14	13	13	13	13	14	17	17	15	14	14	14	14	14	14	-	****	14	14	14	14	14	14	14
30	13	13	13	13	13	13	13	15	14	14	14	14	14	14	14	14	15	15	14	14	14	14	14	15	14
MEAN	17	17	17	17	16	17	18	19	19	16	14	14	15	16	15	15	16	16	16	16	16	17	17	17	16 4

PERCENTAGE OF DATA VALID - 91.9 PERCENTAGE OF DATA INVALID - 6.9 PERCENTAGE OF DATA UNAVAILABLE - 1 1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	14	14	14	14	14	15	16	14	13	14	14	16	16	17	****	15	14	14	13	13	13	13	13	14
2	13	13	13	13	13	13	13	13	13	13	13	14	14	13	13	13	14	15	17	15	15	17	17	17	14
3	15	15	16	15	15	15	17	19	18	17	15	14	15	15	15	15	****	16	17	17	17	16	15	15	16
4	16	16	16	15	16	16	17	19	20	20	18	16	15	12	13	14	16	15	14	14	14	15	16	16	16
5	15	16	15	15	13	13	14	15	16	15	16	15	15	16	15	15	16	16	16	15	15	15	16	15	15
6	15	15	16	16	15	15	18	24	23	22	17	17	19	20	18	19	18	18	18	17	16	17	16	17	18
7	16	16	17	17	15	16	18	22	22	17	15	14	14	14	9	19	18	18	18	17	16	17	16	16	17
8	16	16	14	14	14	14	14	15	14	15	16	16	15	16	16	15	16	15	****	16	15	15	15	16	15
9	16	16	16	15	15	15	15	16	15	16	16	16	16	16	16	16	17	16	16	16	16	16	16	15	16
10	15	15	15	15	17	19	19	26	28	20	****	15	15	15	15	15	15	15	15	15	16	17	17	19	17
11	17	17	17	16	16	16	16	17	17	18	17	18	17	18	24	19	19	18	19	18	19	18	17	17	18
12	18	17	16	15	15	15	16	18	18	16	16	15	15	14	15	15	16	16	15	15	15	14	14	14	16
13	14	14	13	13	15	15	14	14	14	14	13	14	16	14	14	14	16	16	15	12	9	5	****	****	14
14	****	****	****	****	****	****	****	****	****	****	****	****	17	****	17	18	18	18	18	19	19	18	17	17	******
15	18	19	19	19	20	24	20	20	18	19	18	18	18	18	18	18	18	19	19	19	19	20	21	22	19
16	22	21	20	20	20	20	20	21	20	20	20	19	18	19	19	17	17	16	16	15	15	15	15	15	18
17	15	15	15	15	15	15	17	20	23	22	21	19	17	17	17	17	17	17	17	17	16	16	16	16	17
18	16	16	16	16	16	15	16	18	18	17	18	18	****	19	18	16	16	15	15	15	16	15	15	15	16
19	14	14	14	14	14	14	14	14	15	15	14	14	14	14	14	15	15	15	14	14	14	14	15	18	14
20	17	17	18	18	18	19	18	19	16	17	16	16	16	16	17	15	16	17	19	25	35	52	35	18	20
21	15	15	14	14	13	14	16	21	20	15	15	14	14	14	14	15	14	14	15	16	16	17	17	17	15
22	14	14	15	15	14	14	14	14	14	15	15	16	16	17	18	18	18	17	18	19	18	17	17	17	16
23	16	16	16	17	17	17	16	16	16	16	17	17	18	19	19	19	18	17	17	17	19	19	20	24	18
24	29	32	29	25	21	22	25	20	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	16	18
25	15	17	15	15	14	14	13	13	13	13	13	13	14	14	13	13	13	13	13	13	13	13	13	13	14
26	13	12	12	12	12	12	12	12	12	12	13	13	13	14	14	14	14	14	14	13	13	13	14	13	13
27	13	12	13	12	12	12	13	15	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	14	13
28	12	12	12	12	12	12	12	13	13	14	14	13	14	8	14	14	14	14	13	14	15	15	16	15	13
29	13	13	13	12	13	13	15	14	13	13	12	12	12	13	12	12	13	13	14	13	13	13	13	12	13
30	12	12	12	12	13	12	12	12	12	12	12	12	12	12	12	13	13	13	13	14	14	13	13	14	13
31	14	14	15	16	15	19	29	24	24	20	17	16	24	14	15	14	16	18	20	21	22	22	23	-	19
MEAN	16	16	16	15	15	15	16	17	17	16	16	15	16	15	15	16	16	16	16	16	16	17	17	16	15.8

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	18.1	23	38
FEB	27	18.2	22	38
MAR	31	18.3	27	54
APR	30	16.8	22	42
MAY	28	18.3	29	62
JUN	30	18.2	21	53
JUL	23	15.9	28	59
AUG	31	13.2	17	40
SEP	30	14.4	21	38
OCT	31	13.7	25	35
NOV	28	16.4	24	41
DEC	30	15.8	20	52
YEAR	350	16.4	29	62

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	0	532	184	8	0	0	0	0	724
FEB	0	489	146	9	0	0	0	0	644
MAR	0	555	153	22	0	0	0	0	730
APR	0	607	57	20	0	0	0	0	684
MAY	0	536	117	25	3	0	0	0	681
JUN	0	533	149	17	0	0	0	0	699
JUL	2	460	88	8	0	0	0	0	558
AUG	63	627	43	4	0	0	0	0	737
SEP	37	605	63	6	0	0	0	0	711
OCT	85	606	29	7	0	0	0	0	727
NOV	27	528	90	17	0	0	0	0	662
DEC	4	659	56	4	0	0	0	0	723
YEAR	218	6737	1175	147	3	0	0	0	8280

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
94.5	5	11.4	13.6	15.1	16.9	20.7	23.7	29.3	33.0	62	16.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD, NORTH YORK MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	18	18	16	19	20	18	18	17	16	16	16	16	16	16	16	15	15	15	15	15	15	15	17
2	15	15	14	14	14	14	15	15	15	15	15	15	15	15	15	15	17	18	17	17	-	-	-	16	15
3	15	15	16	16	18	17	18	19	21	19	18	19	18	29	19	16	16	16	15	15	15	15	14	14	17
4	14	14	13	13	14	13	14	15	16	17	17	16	17	15	15	15	16	15	15	15	16	14	14	14	15
5	13	13	14	14	14	14	15	17	18	17	****	15	14	13	14	14	14	14	13	14	14	15	****	15	14
6	14	15	15	18	15	14	15	16	15	15	13	13	13	13	12	12	12	13	12	12	12	12	12	12	14
7	12	13	13	13	13	13	17	18	19	16	18	14	14	14	14	15	16	15	15	14	14	13	13	13	15
8	12	12	12	20	23	32	30	32	24	18	16	14	13	****	****	18	18	18	18	19	18	18	19	19	19
9	17	17	17	17	18	17	17	17	17	18	18	18	19	20	19	19	20	19	21	20	20	20	20	21	19
10	21	20	20	20	19	19	19	20	21	20	19	18	19	****	17	16	16	17	17	17	19	16	****	16	18
11	16	16	17	21	27	22	23	28	34	38	26	20	19	19	19	19	19	21	24	-	-	30	33	40	24
12	51	51	49	43	36	34	37	29	26	23	17	16	16	16	15	17	17	18	-	-	37	43	42	37	30
13	31	29	23	20	18	17	17	17	17	17	17	17	17	17	17	16	16	16	17	16	17	16	15	17	18
14	18	17	17	17	17	19	19	20	19	14	13	14	13	13	13	13	13	14	14	15	15	15	15	15	16
15	15	15	15	15	15	15	15	16	17	18	17	19	18	19	19	20	19	20	19	19	19	18	18	18	17
16	17	17	18	18	18	18	17	20	22	19	18	****	****	17	17	16	16	18	20	25	29	35	35	40	21
17	42	43	38	37	28	22	19	20	19	19	18	18	21	19	21	20	24	28	33	27	22	21	20	19	25
18	19	18	14	14	15	15	14	15	16	15	-	-	16	16	15	15	17	17	17	16	17	17	17	17	16
19	18	22	21	22	23	24	26	30	27	26	****	21	-	22	16	18	21	19	18	18	18	17	16	17	21
20	16	17	16	16	15	15	16	16	16	17	17	17	17	17	17	18	17	17	17	18	17	19	17	16	17
21	16	15	15	15	15	15	14	14	14	14	14	14	13	14	13	14	13	13	13	13	13	13	14	14	14
22	13	13	13	13	13	-	14	17	17	15	16	15	16	17	14	15	15	****	14	15	15	17	19	20	15
23	19	16	16	17	18	17	18	18	19	17	27	22	18	14	16	17	15	14	18	14	13	13	13	13	17
24	15	13	14	15	14	15	16	15	14	-	14	17	23	17	17	16	14	13	13	13	13	12	12	12	15
25	12	13	12	12	12	11	13	15	14	14	13	12	12	12	12	13	14	14	11	11	11	11	11	11	12
26	11	11	11	11	11	12	12	13	14	12	10	****	13	13	13	13	14	14	13	13	13	13	13	14	12
27	13	13	13	13	14	17	16	20	21	17	15	14	14	14	14	14	14	14	15	16	19	15	15	15	15
28	17	16	14	13	13	14	14	14	12	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13
29	12	12	12	12	12	12	13	13	13	13	13	12	12	12	13	13	13	13	12	12	12	12	12	12	12
30	13	12	12	12	12	12	13	14	13	13	15	****	****	12	11	11	12	-	12	11	11	12	12	13	12
31	14	14	13	12	12	13	13	13	12	13	12	12	11	12	11	11	12	12	11	12	11	12	11	12	12
MEAN	18	18	17	17	17	17	17	18	18	17	16	16	16	16	15	15	16	16	16	16	16	17	17	17	16.7

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	12	11	12	12	12	12	13	12	12	11	12	11	12	12	12	13	13	13	13	13	13	13	13	12
2	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	14	14	14	15	17	21	13
3	35	31	31	32	35	36	32	35	33	30	20	18	16	15	15	14	14	14	15	17	17	22	32	31	25
4	17	18	18	18	18	18	18	18	16	15	16	16	16	15	15	14	15	14	16	16	15	15	15	15	16
5	15	15	15	14	13	13	14	13	13	12	12	12	12	13	13	13	-	13	13	14	14	14	14	15	13
6	16	14	14	16	22	21	21	24	28	23	20	16	15	16	16	****	16	16	14	15	14	15	15	14	17
7	15	15	13	15	18	27	24	20	18	16	16	15	14	14	13	14	14	15	16	19	17	15	16	16	16
8	14	14	15	16	14	14	14	16	****	14	13	12	12	13	13	13	15	13	15	14	14	13	14	13	14
9	14	14	14	14	14	14	14	15	14	14	13	13	13	14	13	13	14	15	20	26	25	19	17	16	16
10	19	18	17	15	16	16	17	22	24	23	18	13	13	12	12	12	12	12	13	13	13	13	13	13	15
11	14	13	13	13	14	15	16	14	14	13	13	13	13	13	14	15	15	16	24	28	29	31	27	31	18
12	29	31	34	32	29	32	31	34	32	22	17	16	16	14	15	15	16	17	16	15	14	13	13	13	22
13	14	14	14	13	13	13	14	14	14	14	13	15	****	31	15	14	14	15	****	17	15	15	15	17	15
14	19	15	16	15	16	15	16	17	18	17	18	18	17	17	17	17	18	18	17	18	18	17	20	17	17
15	16	14	16	13	13	13	14	15	15	14	14	15	14	15	14	15	14	14	-	14	14	13	14	15	14
16	13	15	14	13	13	13	14	15	15	14	13	14	13	13	13	13	14	14	14	14	13	-	13	14	14
17	14	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	16	15	15	14
18	18	19	23	20	21	21	21	19	17	16	15	15	15	15	15	14	15	15	15	15	-	15	16	****	17
19	****	15	****	14	15	15	19	25	28	24	20	17	15	14	15	16	17	17	18	19	21	19	17	18	18
20	18	18	18	18	18	18	18	20	20	19	19	****	37	15	17	16	16	16	16	16	16	17	19	19	18
21	20	17	18	19	19	18	23	23	25	21	16	16	15	15	15	17	18	18	19	17	15	18	14	15	18
22	14	15	14	13	13	12	12	15	13	14	12	12	13	13	14	15	16	15	14	15	16	15	13	13	14
23	13	13	13	13	13	13	14	15	24	18	18	19	19	20	****	31	24	19	17	16	17	15	15	18	17
24	23	27	19	15	20	19	20	21	20	14	13	13	12	12	12	12	12	12	12	12	12	12	12	12	15
25	11	11	11	11	11	11	11	11	11	12	12	12	13	12	12	12	12	12	12	11	11	11	12	11	12
26	11	11	12	11	11	10	11	12	12	12	12	13	****	14	13	14	15	****	13	13	13	13	13	13	12
27	12	12	13	12	12	12	12	14	14	13	13	13	13	12	12	12	12	12	12	13	14	17	18	16	13
28	19	18	22	21	24	24	27	31	34	27	22	19	22	20	20	19	20	21	23	25	43	45	51	35	26
MEAN	17	16	16	16	17	17	17	19	19	17	15	15	15	15	14	15	15	15	16	16	17	17	17	17	16.2

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	21	19	18	17	17	17	17	19	18	16	17	16	16	17	17	16	18	16	17	16	16	16	18	18
2	16	15	14	14	15	14	14	17	18	17	16	17	16	20	****	18	16	-	****	16	16	20	21	20	17
3	20	19	19	19	19	20	20	22	20	18	19	19	20	19	18	18	18	17	17	18	19	18	19	22	19
4	20	19	19	20	20	21	20	20	20	19	19	18	16	18	20	20	18	19	19	24	31	27	30	34	21
5	35	31	24	23	28	27	24	22	19	16	16	18	19	17	16	16	18	15	15	17	19	20	19	19	21
6	19	18	18	17	17	18	21	23	20	17	17	15	15	16	16	15	16	15	15	16	15	15	16	17	17
7	-	****	16	15	26	28	30	29	26	16	13	15	14	14	18	****	17	17	17	24	32	32	30	34	22
8	36	35	37	37	30	28	28	32	20	16	15	14	14	13	13	14	14	15	14	14	14	13	14	14	21
9	24	24	25	29	31	27	30	32	27	26	21	22	19	16	18	18	19	18	17	17	17	17	17	17	22
10	16	18	18	18	18	17	16	16	18	18	18	18	18	16	16	16	16	14	14	13	13	13	13	13	16
11	14	13	14	15	14	14	14	14	14	15	14	12	13	14	15	13	14	13	13	15	14	14	14	14	14
12	14	15	14	14	14	15	13	13	12	13	13	15	13	****	14	13	15	13	12	13	13	14	-	16	14
13	16	15	13	13	13	13	13	15	14	14	17	18	16	16	17	15	17	16	16	15	14	14	15	13	15
14	13	13	14	15	14	15	15	16	17	18	15	15	16	14	11	11	12	12	11	11	11	11	11	11	13
15	11	11	11	11	11	11	11	12	12	14	11	11	16	16	17	****	17	15	15	13	13	15	15	16	13
16	15	16	15	13	13	-	14	16	15	15	16	16	16	16	16	17	14	14	16	20	18	15	15	16	16
17	16	16	19	21	28	25	25	24	21	19	18	18	17	14	16	15	14	16	16	15	15	19	29	27	19
18	28	30	28	26	30	30	34	25	20	22	16	17	18	19	19	18	14	13	13	19	24	14	15	13	21
19	14	15	22	20	23	25	26	22	15	15	13	15	16	15	14	15	15	15	15	22	28	37	37	40	21
20	41	40	43	43	48	46	41	41	26	18	16	14	15	19	21	21	21	-	****	23	25	****	33	40	30
21	37	35	38	39	41	39	37	34	26	19	15	15	****	16	18	17	15	15	15	29	33	38	43	45	29
22	48	49	55	59	59	56	50	35	21	20	22	27	24	22	20	18	17	15	17	31	33	42	25	35	33
23	39	45	44	37	19	17	18	21	20	19	19	19	15	19	18	22	23	20	21	13	14	12	12	13	22
24	12	13	14	13	13	13	16	20	18	17	17	18	17	18	21	19	15	15	12	15	15	18	20	24	16
25	14	13	13	12	13	13	17	17	16	16	16	15	14	16	16	15	13	12	11	11	11	11	11	11	14
26	10	10	10	10	10	10	11	13	12	13	13	14	****	17	18	19	21	15	16	15	13	13	13	13	13
27	13	12	12	12	12	12	12	13	12	12	16	15	16	16	15	14	14	14	13	12	12	13	13	15	13
28	14	16	17	23	27	27	24	22	18	16	16	15	18	17	18	17	20	17	15	14	14	14	15	15	18
29	16	16	16	16	17	20	23	26	33	27	27	27	20	21	****	17	18	17	16	19	21	24	22	16	21
30	17	15	15	15	16	17	15	18	-	22	20	28	29	27	25	24	25	26	21	23	30	27	21	20	22
31	22	20	20	51	66	25	26	27	28	27	25	22	24	22	19	17	17	13	12	12	12	12	12	12	23
MEAN	21	21	21	22	23	22	22	22	19	18	17	17	17	17	17	17	17	16	15	17	19	19	20	20	19.1

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	12	12	15	14	14	15	15	15	17	17	18	18	18	19	20	17	17	15	15	15	14	13	15	16
2	15	13	13	15	15	17	20	21	24	25	27	****	22	22	****	20	24	22	21	20	18	22	19	20	20
3	22	19	18	18	15	17	15	18	18	18	16	18	19	18	17	18	16	16	11	12	12	11	14	17	16
4	22	22	28	23	23	23	24	26	24	22	19	21	20	15	16	16	19	19	19	21	19	19	16	18	21
5	22	19	17	19	20	****	22	23	-	-	25	26	21	****	****	****	28	23	18	19	18	17	18	18	21
6	18	22	23	25	22	23	27	43	34	36	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
7												-	OATA	INVALIO	-										
8												-	OATA	INVALIO	-										
9	****	****	****	****	****	****	****	****	****	****	****	****	****	13	13	14	14	15	13	14	17	19	21	29	******
10	19	13	13	13	13	13	13	13	13	13	13	12	12	12	12	13	13	13	13	17	21	18	23	23	15
11	26	24	26	24	25	26	23	20	16	15	13	13	13	13	13	14	14	16	18	17	19	16	15	16	18
12	15	16	15	15	15	14	15	15	15	15	15	15	15	15	15	14	16	15	15	16	14	15	14	13	15
13	14	13	13	13	13	13	12	13	13	13	13	14	13	13	14	14	15	15	15	16	15	14	14	16	14
14	14	14	14	13	13	13	14	14	14	13	14	14	14	14	14	14	15	15	15	15	16	17	26	34	16
15	36	18	14	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	12	12	14
16	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	****	12	12	****	12	12	12	12
17	12	12	12	12	12	13	12	13	13	12	13	42	11	-	-	11	11	10	11	11	****	10	11	11	13
18	12	17	19	16	18	17	13	12	11	11	11	****	-	-	11	11	11	11	11	11	11	11	11	11	13
19	12	12	11	12	15	19	16	13	12	11	11	****	12	11	11	10	11	11	11	11	11	12	12	12	12
20	12	14	18	20	21	21	21	20	18	13	15	15	14	15	14	13	14	15	14	17	29	34	35	34	19
21	36	43	40	41	47	46	44	29	16	14	14	13	13	14	14	13	13	13	13	14	14	18	20	14	23
22	16	20	23	25	17	13	13	12	12	11	11	11	11	11	11	11	12	13	14	14	21	22	22	20	15
23	25	22	24	23	22	24	23	24	24	20	20	****	24	14	12	12	12	12	14	15	31	31	31	33	21
24	37	37	37	37	40	36	38	32	27	17	17	14	12	14	12	13	13	14	14	14	14	14	20	23	23
25	36	31	19	15	18	****	13	15	16	18	18	18	16	14	13	14	15	16	16	16	16	14	14	14	17
26	20	25	44	27	17	15	14	15	14	12	13	****	14	13	13	16	19	17	16	14	14	14	13	13	17
27	12	15	14	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	11
28	10	10	10	10	10	10	10	11	11	12	12	15	14	14	13	12	12	13	13	14	15	19	20	18	13
29	13	12	11	11	10	10	11	10	10	10	11	11	11	11	11	11	12	12	12	12	12	15	18	12	12
30	13	16	19	23	18	25	20	14	14	14	****	18	17	16	14	14	13	13	14	14	14	17	16	14	16
MEAN	19	19	19	19	18	18	18	18	16	15	15	16	15	14	13	14	15	15	14	15	16	17	17	18	16.4

PERCENTAGE OF DATA VALIO - 86.7 PERCENTAGE OF DATA INVALIO - 12.5 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INOICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD, NORTH YORK MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	15	13	13	13	13	13	12	12	12	12	12	12	12	13	13	12	13	13	18	22	22	20	14
2	22	28	24	23	25	23	21	17	14	13	14	14	13	13	12	13	14	16	15	17	15	14	14	14	17
3	14	14	13	13	13	13	14	15	16	16	****	16	16	18	19	23	28	27	21	14	13	12	12	12	16
4	12	13	12	12	12	13	13	12	12	13	12	12	12	12	12	12	-	12	12	12	12	12	12	12	12
5	12	12	12	12	12	13	13	12	12	12	12	12	13	12	13	13	13	13	13	14	13	12	12	12	12
6	12	13	14	13	13	13	13	13	13	12	12	12	13	13	13	13	13	13	13	13	12	12	13	13	13
7	12	13	13	12	13	13	13	14	13	13	****	9	13	13	14	13	13	13	13	13	13	13	13	13	13
8	13	14	13	13	14	25	24	22	22	19	19	18	15	14	14	15	17	16	19	20	26	26	20	19	18
9	20	21	28	47	49	47	34	26	21	17	16	15	14	13	14	14	14	14	14	15	16	20	22	24	22
10	27	26	31	32	29	39	36	45	26	22	****	17	16	14	15	15	15	16	17	19	17	16	21	28	23
11	27	18	18	20	13	14	18	19	19	16	14	14	14	14	15	14	14	13	15	14	16	18	17	30	17
12	22	25	24	29	24	19	18	21	19	14	13	13	13	12	12	11	11	11	11	11	11	11	11	10	16
13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	10	10	11	11	13	15	21	26	31	12
14	29	30	28	26	36	27	25	17	18	16	17	****	15	14	13	13	13	13	16	18	20	22	24	25	21
15	19	16	18	22	19	18	17	16	14	13	16	17	15	14	14	15	14	12	13	17	15	12	12	11	15
16	11	12	12	12	11	12	12	12	11	11	11	11	11	11	11	11	11	11	11	12	17	22	22	22	13
17	-	26	23	****	24	25	28	19	21	****	15	14	14	14	15	14	15	14	16	16	17	23	21	17	19
18	23	24	24	26	26	27	26	19	18	18	17	16	16	15	15	15	15	15	15	17	24	30	29	28	21
19	27	30	39	33	34	35	28	15	15	14	14	14	14	16	13	15	15	15	14	15	16	15	22	32	21
20	36	28	18	18	29	32	20	14	13	13	13	14	14	14	14	14	14	14	14	15	21	27	25	28	19
21	****	26	23	22	22	18	12	11	11	12	13	12	12	12	12	12	12	12	12	12	12	12	12	12	14
22	12	16	18	18	17	16	14	14	15	16	****	13	12	12	12	12	12	12	13	14	14	14	15	****	14
23	14	15	21	26	27	20	16	17	16	15	15	15	16	16	14	14	14	15	15	15	15	17	17	22	17
24	23	23	18	16	16	14	15	14	14	13	13	13	13	14	14	14	14	14	14	14	14	17	17	13	15
25	12	12	12	12	-	****	13	14	15	****	14	13	14	13	14	13	13	13	13	13	13	13	14	15	13
26	13	13	14	13	13	13	14	14	14	14	14	14	14	14	14	14	15	16	16	17	15	14	15	16	14
27	15	15	16	16	15	14	14	13	13	13	13	13	13	14	13	14	14	14	14	14	16	16	16	15	14
28	15	17	25	30	32	31	26	21	18	17	****	15	13	13	13	14	14	14	16	18	18	25	18	17	19
29	18	23	25	30	32	33	26	20	18	30	24	21	19	16	15	14	13	13	16	15	15	14	15	18	20
30	19	22	20	19	21	25	17	15	15	18	18	21	14	14	15	15	15	15	15	16	21	29	29	29	19
31	29	32	32	32	34	33	35	32	27	19	15	13	14	13	13	14	14	14	15	17	26	30	30	29	23
MEAN	18	19	20	21	22	22	19	17	16	15	14	14	14	14	14	14	14	14	14	15	16	18	18	2D	16 7

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - D 4

NOTES 1. "*****" INDICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 5C CTR 770 DON MILLS RD. NORTH YORK MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	30	30	32	31	28	17	15	15	14	15	****	-	-	13	14	14	15	15	15	18	30	32	29	21
2	31	36	34	37	21	13	13	12	12	12	12	12	12	12	13	13	13	15	13	14	16	19	29	28	18
3	18	20	17	14	18	24	18	15	15	14	14	14	14	14	14	14	13	13	14	15	18	26	28	31	17
4	31	32	34	38	49	50	30	21	20	21	****	33	15	16	15	14	13	13	14	16	21	16	16	16	24
5	16	14	16	17	18	22	15	13	12	13	12	-	12	12	11	11	11	11	11	12	12	12	13	13	13
6	12	16	16	17	16	17	14	13	12	14	14	14	13	12	12	13	13	13	13	13	14	13	14	16	14
7	15	14	15	15	15	16	19	20	16	16	16	16	16	****	****	16	15	15	16	17	19	21	21	20	17
8	22	21	21	21	26	19	18	17	15	14	14	15	15	17	14	14	14	14	15	16	17	19	21	21	18
9	16	16	19	27	32	33	32	29	17	15	14	14	14	14	14	14	15	14	14	14	14	14	14	14	18
10	16	17	19	18	17	15	14	15	15	15	15	14	14	14	13	13	13	13	12	14	15	14	12	12	15
11	12	13	12	12	12	13	12	10	10	11	****	11	11	11	10	11	11	-	-	11	16	18	18	19	13
12	20	20	15	13	14	13	12	11	11	11	11	11	11	11	11	11	11	11	****	12	15	18	19	18	13
13	25	23	23	24	24	25	18	14	12	11	11	11	11	11	11	11	12	12	12	13	19	21	24	26	17
14	26	27	28	32	****	34	****	****	19	15	****	13	13	14	14	14	14	15	15	16	16	17	18	19	19
15	19	20	22	22	20	19	22	20	19	17	****	****	14	14	14	15	14	14	14	14	15	14	14	14	17
16	15	15	15	15	16	17	21	14	14	13	13	13	13	13	13	15	13	13	13	15	15	14	17	27	15
17	40	33	32	34	37	36	25	18	17	17	15	15	14	15	13	13	13	12	13	14	12	12	12	12	20
18	12	11	11	11	11	11	11	11	11	13	****	30	12	1	12	1	1	1	1	14	17	23	22	21	12
19	19	19	18	18	16	17	16	14	13	11	11	11	11	11	11	11	10	10	11	12	13	20	22	21	14
20	22	22	24	24	25	27	19	13	12	13	13	13	14	13	12	12	12	11	12	13	13	13	20	21	16
21	14	13	14	13	13	13	13	16	16	12	11	11	12	12	14	14	13	13	13	16	19	19	15	12	14
22	14	13	15	14	12	13	13	18	21	****	14	12	13	11	10	10	-	10	10	10	10	10	10	10	12
23	10	10	10	10	10	10	10	9	9	9	9	9	10	10	10	10	9	10	10	10	10	10	10	10	10
24	10	10	****	10	10	10	10	****	10	10	10	10	10	10	10	10	10	10	10	10	10	11	13	14	10
25	13	13	14	16	17	14	13	13	12	11	****	11	11	11	12	12	-	12	12	13	19	25	24	25	15
26	26	28	31	32	32	31	31	26	15	13	13	12	12	13	****	13	13	12	13	14	16	19	22	17	20
27	14	17	21	20	19	18	17	17	19	19	16	14	15	14	15	16	15	14	15	18	14	13	14	15	16
28	25	18	18	18	20	20	16	14	13	12	14	14	14	14	12	12	12	12	12	13	14	14	14	23	15
29	22	27	29	29	17	17	18	16	14	16	16	15	13	13	13	13	13	13	13	15	15	15	15	-	17
30	13	13	13	13	13	14	13	12	12	12	13	13	13	13	12	-	12	13	12	13	13	13	12	12	13
MEAN	19	19	20	21	20	20	17	16	14	14	13	14	13	12	12	12	12	12	12	14	15	17	18	18	15.8

PERCENTAGE OF DATA VALID - 96.3 PERCENTAGE OF DATA INVALID - 2.5 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 5C CTR 770 DON MILLS RD. NORTH YORK MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	13	12	12	11	11	11	11	11	12	12	12	11	12	12	11	11	11	12	13	12	12	13	14	12
2	14	17	21	20	21	25	12	10	10	10	10	10	10	10	10	9	9	10	10	10	11	12	11	11	13
3	11	11	11	11	12	12	11	11	11	10	****	11	15	****	****	11	11	11	11	11	11	13	22	20	12
4	22	20	21	20	20	19	17	16	13	12	13	11	10	10	10	10	10	10	10	10	10	11	11	11	14
5	11	12	11	11	11	11	11	11	11	11	11	****	****	12	11	11	11	11	11	11	12	16	15	13	12
6	13	15	19	18	18	17	17	15	13	11	11	11	11	11	11	11	11	11	11	12	12	15	20	21	14
7	18	19	20	21	20	20	19	18	22	21	16	13	13	13	12	12	12	13	13	14	14	16	16	23	17
8	24	28	26	27	27	26	23	15	16	18	13	13	13	12	12	13	13	13	14	15	17	44	37	29	20
9	30	29	29	30	31	32	33	21	17	16	14	15	17	29	13	12	13	14	14	15	18	20	24	23	21
10	14	14	15	14	12	13	13	14	13	14	14	-	13	12	12	13	12	12	14	15	14	14	15	18	14
11	18	16	17	17	25	26	22	15	13	13	16	17	16	16	14	13	15	15	16	16	15	20	22	25	17
12	31	30	29	33	31	31	29	17	15	15	12	11	11	15	14	14	14	14	15	14	14	21	23	30	20
13	28	29	31	31	31	30	29	23	19	13	13	13	13	13	12	12	12	12	13	13	23	25	26	27	20
14	28	30	31	32	32	31	26	17	13	13	15	14	15	14	14	14	13	14	14	14	14	14	14	15	19
15	16	20	27	26	27	19	15	14	15	14	15	16	16	13	16	15	13	12	13	14	21	21	20	22	18
16	22	21	23	20	24	22	22	17	13	13	20	****	17	16	13	16	11	11	10	10	10	10	10	11	16
17	10	10	10	10	10	10	11	-	11	11	11	11	11	10	10	10	11	12	10	10	10	10	10	11	10
18	11	11	11	11	13	12	12	13	11	12	10	11	11	11	11	11	11	11	12	13	19	17	19	20	13
19	20	20	18	19	19	18	20	17	15	13	11	11	12	12	11	12	12	11	12	13	17	14	19	22	15
20	24	24	27	29	28	28	26	24	22	19	17	****	14	12	13	13	12	13	14	14	20	28	27	27	21
21	****	34	30	30	28	28	26	23	16	16	13	13	13	13	14	14	14	15	15	16	19	28	30	29	21
22	27	30	31	29	32	32	-	26	15	15	15	14	13	13	12	13	13	13	14	14	15	14	20	21	19
23	****	23	24	24	23	22	22	22	22	19	16	14	14	13	14	14	14	13	13	14	14	14	14	15	17
24	16	17	16	18	26	25	19	15	15	15	15	14	14	****	15	14	14	13	13	14	20	13	14	15	16
25	14	13	12	12	12	12	12	12	13	12	12	12	12	13	13	13	13	13	13	13	14	12	13	14	13
26	13	14	14	14	16	16	17	18	17	12	12	11	11	10	11	11	11	11	11	11	10	11	11	11	13
27	11	11	12	11	11	15	14	12	13	12	15	14	12	-	12	13	13	13	13	14	16	26	32	29	15
28	28	33	34	36	36	33	32	19	14	13	14	16	16	14	13	13	13	13	12	13	12	12	13	13	19
29	14	14	15	20	20	21	17	13	11	12	13	-	15	14	15	15	14	15	15	15	20	21	24	25	16
30	23	23	24	25	23	24	21	21	15	14	14	13	14	13	13	13	13	13	14	13	12	12	13	14	17
31	13	13	13	14	14	17	20	22	19	16	15	15	15	15	15	15	15	16	15	16	14	16	17	17	16
MEAN	18	20	20	21	21	21	19	17	15	14	14	13	13	13	13	13	12	13	13	13	15	17	19	19	16.1

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD, NORTH YORK MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	14	13	12	12	12	14	15	14	14	28	10	12	11	10	10	11	10	10	10	11	11	11	10	13
2	10	10	10	10	11	10	10	12	12	10	10	11	11	11	12	10	9	9	10	10	11	13	14	14	11
3	19	22	21	22	21	24	26	19	14	12	11	10	11	11	11	12	11	11	10	11	14	18	19	23	16
4	23	17	18	25	25	28	23	15	12	14	15	13	11	10	10	11	13	12	12	14	21	21	22	25	17
5	25	24	15	13	14	17	17	12	10	9	9	9	9	9	9	9	9	9	9	9	14	15	15	11	13
6	10	9	10	9	10	10	11	9	9	9	9	9	9	9	9	9	9	9	9	10	17	19	17	17	11
7	19	26	20	20	21	23	23	13	13	12	11	11	****	12	10	11	12	14	13	12	9	9	10	10	15
8	10	12	15	18	17	15	13	13	14	15	13	13	15	15	14	10	10	10	10	9	9	9	11	15	13
9	16	15	16	16	15	15	13	11	11	10	10	10	12	****	12	11	11	11	12	12	12	11	13	13	13
10	14	12	13	12	13	12	12	13	14	19	12	10	****	10	10	11	10	10	10	10	11	12	12	11	12
11	11	11	12	11	11	10	10	10	10	10	10	10	10	9	10	10	10	11	11	10	10	10	10	10	10
12	11	11	12	14	16	15	13	14	11	10	10	10	10	10	10	10	10	10	10	10	17	19	21	22	13
13	21	23	24	25	24	26	27	30	24	13	12	13	13	11	12	12	12	13	12	12	12	12	13	16	17
14	16	15	14	12	13	12	13	13	13	12	12	****	11	11	11	11	11	11	-	11	11	12	12	12	12
15	12	12	12	11	11	11	11	11	11	11	12	12	12	12	12	12	12	12	12	12	13	14	16	20	12
16	19	21	21	19	20	20	20	17	12	11	15	****	13	13	13	14	13	13	13	14	21	25	23	25	17
17	25	30	25	24	25	25	26	26	28	25	23	20	14	13	14	14	16	14	15	16	16	15	16	15	20
18	16	18	16	17	14	12	12	12	13	14	16	16	16	17	17	18	17	18	19	20	21	22	21	21	17
19	24	23	24	23	21	16	13	11	11	11	11	11	11	11	12	13	14	14	14	15	21	25	25	26	17
20	22	23	22	25	25	24	24	16	15	16	16	12	14	28	15	14	14	13	14	15	23	22	23	26	19
21	28	29	28	29	28	28	30	26	15	15	16	20	20	19	15	14	14	15	15	23	26	26	29	29	22
22	28	27	27	24	21	18	16	16	13	13	13	16	13	14	14	14	14	14	14	14	14	14	14	14	17
23	15	24	35	31	28	27	16	15	16	15	16	15	15	17	18	17	16	16	17	18	20	19	20	21	19
24	16	16	16	14	15	14	15	15	16	14	13	13	13	13	13	13	13	13	13	13	14	14	15	15	14
25	16	15	13	13	14	17	14	14	14	13	13	12	13	13	13	13	13	13	14	14	13	13	14	16	14
26	21	20	19	19	19	19	17	15	13	12	12	12	12	12	12	12	13	13	13	13	12	15	14	16	15
27	15	13	13	13	12	13	14	14	19	19	18	15	16	****	****	13	12	12	13	14	15	14	15	16	14
28	25	24	26	24	24	29	31	21	14	13	13	13	15	14	13	13	13	13	13	14	15	14	13	13	18
29	16	15	13	17	13	15	16	15	15	14	15	16	14	14	14	13	14	15	15	14	14	15	16	16	15
30	25	29	39	35	29	28	25	17	14	20	****	14	14	13	11	11	11	11	12	13	13	13	15	17	19
31	18	19	17	17	18	18	19	17	13	12	11	11	11	11	12	12	12	12	13	13	13	16	23	24	15
MEAN	18	19	19	19	18	18	18	15	14	13	14	13	13	13	12	12	12	12	13	13	15	16	17	17	15.1

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD, NORTH YORK MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	25	29	28	30	33	31	29	22	18	17	15	14	13	14	14	14	14	15	15	17	21	14	13	20
2	13	13	13	14	14	14	13	13	12	12	12	13	13	13	13	13	12	12	12	12	13	13	13	15	13
3	14	15	15	22	25	31	22	13	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	14
4	11	11	12	12	12	12	14	14	14	15	****	12	11	11	11	11	12	11	12	12	16	22	23	23	14
5	24	26	27	27	25	20	21	18	12	12	12	12	12	13	14	15	14	14	14	16	15	15	24	26	18
6	26	28	27	22	19	14	14	16	15	12	15	12	11	12	11	11	11	11	12	11	12	12	11	11	15
7	12	11	12	11	11	11	11	12	11	11	11	11	11	11	11	11	10	10	10	10	10	11	11	11	11
8	11	11	11	11	11	10	11	10	10	10	10	10	10	10	10	10	10	10	11	17	16	12	17	19	12
9	19	19	19	21	20	22	21	17	14	12	11	11	12	12	11	11	11	11	11	11	11	12	13	14	14
10	18	27	25	28	37	31	19	14	13	13	13	13	16	****	18	14	14	13	12	12	12	13	14	14	18
11	17	17	18	18	20	19	20	18	12	11	11	11	11	13	13	-	13	13	15	18	24	25	26	27	17
12	29	31	32	27	17	20	23	14	13	11	12	11	13	12	12	12	12	12	12	13	12	13	13	12	16
13	14	17	25	24	24	23	22	15	14	13	13	13	13	****	13	13	13	16	16	16	14	13	13	13	16
14	12	12	12	14	17	13	14	13	13	11	11	11	10	10	10	10	10	10	11	11	12	11	11	11	12
15	11	11	11	12	12	12	12	12	11	10	10	10	10	10	10	10	10	11	11	12	12	12	15	15	11
16	15	15	14	14	19	19	18	19	15	14	13	12	12	11	11	12	13	13	13	13	14	13	14	16	14
17	20	18	15	16	27	24	26	21	18	16	14	13	13	12	12	12	12	13	14	14	14	14	14	15	16
18	14	14	15	17	16	17	18	17	17	15	17	****	14	14	15	14	13	12	13	****	12	12	12	12	15
19	12	12	12	12	12	12	12	12	12	11	11	11	11	11	11	11	11	****	12	13	15	17	20	22	13
20	24	24	23	26	26	28	28	32	29	18	18	****	12	11	12	12	12	13	14	14	14	16	16	17	19
21	17	25	31	35	36	22	21	23	19	17	17	14	12	12	11	11	11	11	12	12	****	14	12	12	18
22	13	15	18	20	18	19	15	12	11	11	11	11	11	11	11	11	11	11	11	11	12	12	12	12	13
23	12	13	15	16	16	16	16	14	13	12	12	12	11	12	12	11	11	11	13	20	20	21	23	23	15
24	25	25	25	25	24	23	25	30	22	13	13	12	14	****	****	12	13	13	15	16	19	22	25	26	20
25	26	28	28	27	30	30	33	27	19	17	15	15	14	13	13	14	14	12	15	14	16	19	21	24	20
26	21	19	16	14	15	15	17	17	14	12	11	11	11	13	12	12	13	15	18	22	22	23	24	27	16
27	30	28	28	29	28	30	32	34	31	31	22	18	18	****	15	14	14	13	19	28	30	32	31	35	26
28	35	34	37	38	38	37	38	30	16	14	12	12	13	14	14	14	13	13	14	16	15	17	15	16	21
29	16	17	16	16	17	17	19	20	21	18	16	13	12	12	12	11	11	12	13	16	24	23	-	27	16
30	23	21	18	15	15	14	16	18	17	16	14	14	13	14	13	13	13	13	15	18	21	15	13	13	16
MEAN	19	19	20	20	21	20	20	18	16	14	13	12	12	12	12	12	12	12	13	15	16	16	17	18	15.9

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	18	15	14	18	15	13	16	13	****	****	16	20	18	16	16	15	16	16	25	24	30	20	22	18
2	21	23	21	22	21	18	18	21	22	19	19	18	17	18	18	18	18	19	19	19	19	19	18	18	19
3	18	18	18	18	19	17	18	19	19	19	20	20	22	23	23	24	24	24	22	20	21	21	22	22	20
4	21	19	19	18	19	19	20	20	20	17	****	14	17	15	14	12	12	13	14	15	14	15	17	16	17
5	17	17	18	23	16	14	15	16	18	15	14	14	13	12	12	12	12	13	13	14	12	12	12	12	14
6	12	13	13	14	13	14	14	13	12	12	11	11	11	10	11	11	11	12	11	12	12	12	12	13	12
7	13	13	13	13	13	12	11	11	10	10	10	10	10	9	10	10	10	11	11	11	11	11	11	14	11
8	11	-	12	14	16	16	16	13	11	10	10	10	11	11	11	11	12	12	14	14	13	13	13	13	12
9	13	13	12	13	13	12	12	11	11	11	-	****	11	10	10	11	12	12	15	17	18	-	25	24	14
10	23	23	-	24	24	****	25	26	31	18	13	12	11	11	12	12	13	13	14	13	13	14	14	16	17
11	15	15	20	26	28	29	27	31	28	24	19	13	12	****	****	13	13	14	14	15	16	14	13	13	19
12	13	13	12	12	12	12	14	16	16	14	14	13	13	14	13	14	15	15	15	15	12	14	14	14	14
13	13	13	13	13	13	13	13	13	13	13	12	11	11	11	11	11	11	12	12	12	12	11	11	16	12
14	18	21	22	19	14	15	13	13	11	11	11	11	11	11	11	11	12	12	13	14	14	14	15	14	14
15	14	15	16	15	15	15	16	-	19	****	****	18	16	15	15	14	13	13	13	13	13	14	15	15	15
16	15	17	15	14	14	14	15	15	14	13	12	-	12	12	12	12	12	13	15	17	24	30	29	28	16
17	28	27	28	29	29	28	28	-	-	28	27	25	27	29	36	41	35	33	41	39	40	43	44	51	33
18	50	41	20	17	17	21	20	18	15	14	13	13	****	14	13	13	13	14	14	23	25	27	34	38	21
19	19	18	17	16	16	15	16	15	15	15	16	16	19	20	19	-	-	19	18	16	15	17	16	16	17
20	17	17	16	16	16	17	17	15	14	14	13	12	12	12	12	13	14	14	15	15	14	13	13	14	14
21	14	14	15	15	14	13	12	13	12	12	12	12	12	12	12	11	12	13	13	13	14	17	19	18	14
22	17	14	15	16	17	18	18	23	23	18	14	13	****	****	12	13	15	16	14	16	16	23	40	19	18
23	17	16	15	15	17	14	13	13	13	14	14	12	12	12	11	11	12	14	13	11	11	12	12	12	13
24	13	12	13	13	13	14	14	15	14	15	14	15	12	11	10	11	11	13	12	12	12	-	12	12	13
25	12	12	12	12	12	12	13	13	11	11	11	11	11	11	11	11	12	11	11	11	13	12	12	12	12
26	13	13	13	13	13	12	13	12	13	****	12	12	12	-	12	12	12	12	12	12	13	13	13	13	13
27	13	13	13	13	13	14	14	15	15	14	12	12	12	12	12	13	13	14	14	14	13	14	14	13	13
28	14	15	15	15	15	15	15	16	15	14	13	13	13	13	13	13	13	14	14	14	14	14	13	13	14
29	13	13	13	13	12	13	12	13	13	12	12	12	12	13	13	****	13	14	14	14	15	15	16	16	13
30	15	15	15	14	14	15	15	15	13	13	13	13	12	13	13	12	14	16	16	16	15	14	14	14	14
31	14	14	14	14	14	14	15	16	15	14	13	14	13	13	14	17	18	18	18	19	17	20	19	19	16
MEAN	17	17	16	16	16	16	16	16	16	15	14	14	14	14	14	14	14	15	15	16	16	17	18	18	15.5

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	19	18	18	21	23	22	20	17	17	17	15	17	22	23	21	26	28	20	15	15	16	17	19
2	17	16	17	18	18	20	17	18	20	17	15	13	12	13	12	12	14	17	16	17	18	15	14	15	16
3	17	21	25	27	25	24	26	29	25	17	14	14	14	13	13	13	13	14	14	14	15	15	15	-	18
4	15	14	14	15	14	16	15	17	15	14	12	12	12	12	12	12	13	14	16	18	36	26	25	30	17
5	30	29	32	32	35	35	40	38	35	16	14	****	14	13	14	15	18	17	17	16	19	30	29	31	25
6	32	37	32	36	38	35	33	35	36	39	29	19	19	20	22	20	24	22	20	20	25	28	27	20	28
7	19	17	16	15	14	13	13	13	13	12	12	12	12	12	12	13	14	15	15	16	15	14	15	14	14
8	16	16	14	14	13	-	****	13	13	13	13	13	14	16	****	14	14	16	14	15	15	20	25	25	16
9	25	27	30	29	30	31	29	32	36	35	20	19	15	16	16	15	16	15	16	-	15	15	16	18	22
10	23	17	15	15	14	16	15	14	13	12	12	12	12	11	12	12	12	12	13	13	13	13	13	13	14
11	13	13	-	13	14	15	16	20	18	15	13	13	-	13	12	12	12	13	14	15	16	16	16	17	15
12	24	15	14	-	14	14	13	14	15	13	13	12	12	13	14	13	14	14	20	26	34	33	38	38	19
13	39	38	37	36	32	25	24	23	19	16	15	****	16	16	15	15	15	21	29	33	31	26	19	18	24
14	18	18	20	28	21	21	21	17	16	16	14	13	13	13	13	14	14	16	17	16	15	21	26	26	18
15	30	36	37	33	27	23	21	21	17	16	15	15	16	17	21	****	20	22	22	21	20	17	16	15	22
16	15	15	15	15	15	14	14	15	15	15	15	16	17	16	18	18	17	16	16	17	18	18	18	18	16
17	18	18	17	17	18	16	16	17	16	16	16	17	16	15	16	16	18	19	19	26	26	29	33	38	20
18	39	42	49	49	51	54	50	51	42	34	20	16	17	16	15	15	15	17	17	17	17	16	15	15	29
19	15	15	15	15	15	15	15	16	18	19	20	53	22	19	20	18	17	18	19	18	20	20	20	24	19
20	21	19	20	25	39	38	29	32	30	23	17	17	16	16	15	13	13	13	13	13	13	12	12	12	20
21	12	12	12	12	12	13	13	15	14	13	13	13	12	13	12	13	13	-	13	13	13	14	14	14	13
22	15	16	16	17	16	17	18	21	22	16	18	18	17	16	18	-	15	14	14	13	14	13	14	15	16
23	15	14	14	14	15	14	15	17	15	15	15	18	16	16	14	16	17	18	23	25	33	35	41	38	20
24	32	32	28	17	15	15	13	14	11	11	11	11	12	12	11	12	12	13	14	15	15	****	17	28	16
25	30	29	28	30	35	36	33	33	32	29	16	13	12	13	12	13	12	11	12	13	12	12	13	13	21
26	13	13	14	14	14	14	13	18	14	11	11	****	14	13	13	12	13	14	14	14	14	15	15	15	14
27	15	16	15	15	16	16	16	16	16	17	16	16	16	15	15	15	15	15	16	16	16	17	21	19	16
28	19	18	19	18	16	17	17	13	13	13	12	14	14	15	15	15	16	16	16	16	17	17	16	17	16
29	17	18	17	17	17	17	17	18	18	17	14	****	15	16	17	19	-	****	17	18	19	18	18	18	17
30	18	18	18	18	18	17	16	18	18	16	16	17	17	16	17	16	16	16	17	18	19	18	18	19	17
MEAN	21	21	21	21	21	21	21	21	20	18	15	16	15	15	15	15	15	16	17	18	19	19	20	21	18.5

PERCENTAGE OF DATA VALID - 97.5 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 5C CTR 770 DON MILLS RD. NORTH YORK MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	19	19	18	18	17	16	15	15	16	17	17	19	19	****	17	17	16	16	16	16	16	16	17
2	16	16	15	15	15	15	15	14	14	14	14	13	13	14	14	14	14	18	23	19	20	24	22	21	16
3	21	20	19	18	19	18	18	18	19	19	17	17	15	15	17	15	****	15	16	16	17	17	17	17	17
4	18	18	17	17	18	18	17	20	19	19	18	17	14	14	13	14	15	18	17	18	19	19	19	19	17
5	20	21	19	21	18	17	17	18	18	16	15	22	17	16	15	15	16	15	17	17	17	18	19	18	18
6	19	18	19	22	22	20	23	23	23	22	19	19	18	18	17	16	15	16	16	16	15	16	18	19	19
7	19	21	22	23	22	23	18	18	18	15	15	14	13	13	13	14	14	14	16	16	17	17	17	17	17
8	17	16	15	15	16	14	14	13	13	12	12	12	12	12	12	12	13	14	****	16	16	16	16	17	14
9	17	18	17	17	17	16	15	15	14	14	14	14	13	14	14	14	15	14	14	15	15	15	13	14	15
10	15	15	15	18	18	19	20	25	27	22	16	14	14	16	57	17	17	17	17	17	18	20	20	20	20
11	19	18	18	18	17	18	16	15	15	15	15	16	15	15	15	16	16	17	17	17	18	18	17	17	17
12	17	17	17	17	16	16	16	15	14	14	13	13	13	13	13	13	13	14	14	14	14	15	16	16	15
13	16	16	16	15	15	17	16	15	16	16	16	15	17	19	****	18	18	18	21	21	21	20	18	16	17
14	16	16	18	17	19	17	18	18	19	17	15	15	15	****	15	15	15	16	16	****	****	****	****	****	17
15												- DATA INVALID -													
16												- DATA INVALID -													
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	52	16	17	18	17	17	16	16	16	******
18	16	15	15	15	15	14	14	15	15	14	14	14	15	15	16	17	18	18	17	18	18	18	17	16	16
19	15	15	15	15	15	15	15	15	16	17	17	16	15	16	16	16	16	17	17	17	17	18	17	19	16
20	19	18	18	18	19	18	18	20	18	20	19	18	17	17	17	19	21	22	28	30	34	37	39	42	23
21	45	48	51	52	52	48	49	53	54	49	28	17	16	15	****	21	24	35	30	37	37	36	30	28	37
22	26	24	24	23	22	22	22	22	21	20	20	20	20	20	21	23	24	23	24	23	23	23	30	26	23
23	24	23	23	22	21	21	21	22	21	21	22	22	21	21	21	22	21	21	20	20	22	22	27	38	22
24	30	35	27	29	35	42	28	23	18	18	17	17	17	17	16	16	16	16	17	16	16	16	16	17	21
25	17	17	17	16	16	15	15	15	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	15
26	13	13	13	13	14	14	14	14	13	13	13	13	13	14	14	14	14	14	14	13	13	13	14	14	14
27	14	14	14	13	13	13	13	13	13	13	13	13	13	14	****	13	13	13	13	13	12	12	12	12	13
28	12	12	12	12	12	13	13	13	12	14	13	13	13	13	13	13	13	14	14	14	15	16	21	19	14
29	22	28	25	20	22	23	19	15	15	14	12	13	13	13	12	13	14	14	13	14	13	14	13	13	16
30	13	13	13	15	18	16	16	18	20	16	12	12	11	11	11	12	12	19	23	21	15	14	13	17	15
31	19	28	29	27	36	37	42	38	39	25	17	14	13	13	12	13	15	16	16	19	24	29	32	-	24
MEAN	19	20	19	19	20	20	19	19	19	18	16	16	15	15	17	17	16	17	18	18	18	19	19	19	18.0

PERCENTAGE OF DATA VALID - 89.8 PERCENTAGE OF DATA INVALID - 10.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 5C CTR 770 DON MILLS RD. NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	16.7	30	51
FEB	28	16.2	26	51
MAR	31	19.1	33	66
APR	26	16.4	23	47
MAY	31	16.7	23	49
JUN	30	15.8	24	50
JUL	31	16.1	21	44
AUG	31	15.1	22	39
SEP	30	15.9	26	38
OCT	31	15.5	33	51
NOV	30	18.5	29	54
DEC	28	18.0	37	57
YEAR	358	16.7	37	66

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	1	615	76	26	0	0	0	0	718
FEB	1	559	68	29	0	0	0	0	657
MAR	6	508	154	58	1	0	0	0	727
APR	16	482	95	31	0	0	0	0	624
MAY	18	551	131	29	0	0	0	0	729
JUN	62	512	88	31	0	0	0	0	693
JUL	45	516	141	27	0	0	0	0	729
AUG	106	497	127	5	0	0	0	0	735
SEP	37	525	119	26	0	0	0	0	707
OCT	16	609	76	17	0	0	0	0	718
NOV	0	530	108	64	0	0	0	0	702
DEC	0	523	115	30	0	0	0	0	668
YEAR	308	6427	1298	373	1	0	0	0	8407

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
96.0	1	10.9	12.6	14.3	16.8	24.3	29.3	35.4	39.6	66	16.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	22	22	19	18	21	22	21	21	20	19	20	20	19	19	19	19	18	18	18	19	18	19	19	20
2	19	18	18	19	19	18	18	19	20	18	19	18	20	19	18	18	20	21	20	20	-	-	-	19	19
3	19	19	19	19	20	20	20	22	22	21	21	****	21	21	21	21	23	22	22	22	21	21	20	20	21
4	20	20	20	20	20	20	21	23	23	23	22	22	21	20	21	22	23	23	23	23	23	22	21	21	22
5	21	21	21	21	22	21	22	24	25	24	23	23	23	23	23	23	25	24	24	24	24	26	****	25	23
6	26	27	25	25	26	25	25	26	26	24	22	21	21	20	21	22	22	23	23	23	23	23	22	23	24
7	22	22	22	21	22	23	23	24	26	25	25	25	25	23	22	23	25	27	24	23	23	21	21	21	23
8	22	21	23	23	23	24	29	32	32	28	24	****	****	****	20	20	22	24	23	23	22	22	23	22	24
9	22	21	21	21	21	21	21	23	23	23	23	22	23	23	24	24	25	25	24	24	25	25	25	26	23
10	25	26	25	25	25	25	26	27	29	26	25	24	22	****	22	21	22	23	25	25	22	23	****	22	24
11	22	22	22	21	22	26	29	53	43	32	27	24	22	22	22	23	23	27	27	-	-	36	38	38	28
12	31	28	26	26	26	24	25	27	29	29	25	****	23	23	24	26	30	31	-	-	38	36	33	30	28
13	28	27	26	25	26	23	22	25	26	28	26	24	23	22	23	22	22	22	22	22	21	18	4	4	22
14	5	5	7	5	6	7	6	4	5	8	5	5	5	6	6	6	6	6	6	6	5	4	5	4	6
15	6	5	4	4	5	4	4	4	4	5	4	6	5	4	6	6	6	6	6	7	5	6	7	5	5
16	6	5	4	4	5	4	6	5	5	5	5	5	6	5	6	7	8	9	12	12	11	11	11	5	7
17	5	5	6	7	6	10	10	9	21	12	7	6	6	7	6	6	6	7	8	6	6	6	6	6	8
18	6	6	5	6	6	6	6	5	8	6	-	-	7	6	27	15	15	17	16	16	15	16	17	15	11
19	15	15	15	15	16	16	17	20	23	24	21	22	-	22	22	20	22	21	20	19	18	16	15	15	19
20	15	15	14	14	13	14	15	15	17	21	17	16	17	19	19	18	18	18	18	17	17	14	14	16	16
21	14	14	13	12	12	12	13	12	12	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12
22	10	10	10	10	11	-	12	14	15	14	12	11	12	12	12	12	12	****	13	13	13	14	14	15	12
23	13	12	13	13	13	13	15	17	20	19	19	16	16	16	****	****	18	18	16	16	16	16	16	16	16
24	16	15	15	13	14	14	16	16	16	-	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
25													- DATA INVALID -												
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	22	23	22	22	21	20	22	21	21	******
27	21	21	21	20	21	21	22	23	23	23	22	22	22	21	21	21	23	24	23	23	25	22	21	21	22
28	21	21	20	20	21	19	19	19	20	20	19	19	19	19	19	19	19	19	19	20	20	20	19	19	20
29	19	19	19	19	20	20	20	21	22	21	21	20	19	20	21	21	21	21	21	21	20	20	20	19	20
30	20	20	21	20	20	20	22	23	24	23	21	21	21	21	****	20	20	-	21	20	19	18	19	20	21
31	19	20	19	19	19	19	19	20	21	20	19	19	18	18	18	18	19	19	18	18	18	18	18	18	19
MEAN	18	17	17	17	17	18	18	20	21	20	19	18	17	17	18	18	19	20	19	18	19	19	18	18	18.2

PERCENTAGE OF DATA VALID - 89.5 PERCENTAGE OF DATA INVALID - 8.7 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	21	18	18	18	18	18	18	19	18	19	18	19	19	19	20	20	19	19	18	18	18	18	18	19
2	18	18	19	19	19	19	20	21	20	20	20	19	19	****	20	21	21	24	22	23	24	23	23	23	21
3	25	26	26	27	27	22	23	29	36	25	23	22	22	22	21	21	22	24	24	23	23	24	25	27	25
4	23	22	21	21	20	19	19	19	23	22	22	22	21	20	19	20	21	21	21	21	21	21	20	20	21
5	20	19	19	19	19	19	20	21	20	20	19	19	19	20	20	21	-	23	24	23	23	22	22	23	21
6	23	22	22	23	24	24	27	28	29	26	26	27	27	41	22	25	25	24	23	22	21	21	22	23	25
7	22	21	20	20	22	22	25	27	26	24	21	20	20	20	20	20	22	23	23	23	21	22	21	21	22
8	20	20	23	21	20	21	21	23	****	21	19	19	18	18	17	18	19	20	20	19	20	19	18	18	20
9	18	18	19	19	19	18	19	19	19	18	18	20	20	19	19	19	20	23	22	23	23	22	22	22	20
10	21	21	20	20	21	21	22	22	25	26	20	19	18	18	18	18	19	20	21	20	19	19	18	18	20
11	18	18	18	20	18	18	19	20	20	19	19	19	19	19	20	21	20	20	21	24	28	27	28	30	21
12	25	24	25	27	26	27	25	30	31	29	24	21	21	20	21	21	21	22	22	21	20	19	19	19	23
13	19	18	19	18	18	18	19	20	22	20	19	19	19	18	20	21	21	22	****	23	22	21	21	23	20
14	21	20	19	19	19	20	20	23	26	27	24	22	21	22	22	24	25	25	24	24	24	22	21	20	22
15	20	20	19	19	19	20	22	25	26	25	23	22	22	23	22	23	24	23	-	22	21	21	20	20	22
16	19	19	19	19	19	19	20	22	22	21	20	20	19	19	19	20	21	22	21	20	20	-	20	20	20
17	20	20	20	20	19	18	20	21	21	21	21	21	21	20	20	21	21	23	25	22	22	21	21	21	21
18	21	21	21	22	21	22	22	22	23	26	23	21	21	22	22	22	22	22	22	22	-	22	26	****	22
19	****	26	****	23	23	30	31	34	36	40	29	24	21	21	21	21	22	22	23	25	24	25	24	24	26
20	24	24	24	24	24	24	26	29	30	27	27	27	29	28	****	****	29	31	27	-	23	26	29	30	27
21	27	26	26	26	29	27	31	38	40	35	28	26	25	28	25	20	21	21	21	21	20	20	19	19	26
22	19	23	20	19	20	20	20	21	22	22	21	21	20	20	21	24	29	30	29	28	27	24	22	21	23
23	20	20	19	19	19	19	21	24	14	13	24	****	30	30	33	33	35	28	25	25	26	27	32	33	25
24	32	26	22	21	21	21	22	23	21	20	20	19	19	19	19	18	19	19	19	19	19	19	18	18	21
25	18	18	19	19	20	20	19	25	20	19	19	19	19	19	18	18	18	19	19	19	18	18	18	19	19
26	18	17	17	17	18	18	18	19	20	20	18	18	18	17	****	21	21	****	21	20	19	19	19	19	19
27	18	19	19	19	19	21	21	23	21	20	20	20	20	20	20	20	20	20	22	23	23	22	24	23	21
28	24	24	29	28	26	27	35	39	38	36	31	25	25	31	31	30	33	33	34	38	38	38	45	52	33
MEAN	21	21	21	21	21	21	22	24	25	24	22	21	21	22	21	22	23	23	23	23	22	22	23	23	22.2

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	42	29	26	25	24	24	24	27	26	24	23	23	23	24	22	24	26	26	27	27	25	25	26	26	26
2	23	22	22	22	21	22	23	27	31	25	26	****	25	25	26	26	26	-	****	32	30	30	28	28	26
3	27	24	25	24	23	23	24	26	27	27	27	27	27	28	27	26	26	27	28	30	30	26	27	27	26
4	27	26	25	25	24	23	24	24	24	24	24	24	25	28	26	24	24	23	25	27	30	31	33	32	26
5	22	21	22	24	23	22	23	24	24	23	21	22	21	22	22	22	23	24	24	24	24	24	28	28	23
6	27	24	24	24	23	24	29	33	34	29	26	24	24	24	23	23	25	24	23	22	23	23	22	22	25
7	-	****	23	24	26	29	30	42	31	28	27	47	25	23	22	23	23	21	23	28	28	26	26	30	28
8	26	28	23	22	21	22	22	24	23	21	20	19	19	19	19	20	20	20	20	20	20	23	23	23	22
9	23	25	27	29	30	30	38	35	34	29	24	****	24	24	24	24	28	28	27	26	26	25	26	27	28
10	24	23	23	23	21	20	20	21	21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
11												- DATA INVALID -													
12												- DATA INVALID -													
13	****	****	****	****	****	****	****	****	****	****	40	23	24	24	24	25	30	25	21	20	21	21	22	22	******
14	22	20	19	19	19	20	20	20	21	20	19	19	19	19	18	18	18	18	19	19	20	21	19	19	19
15	20	20	20	20	20	20	21	21	21	20	20	20	20	20	20	20	21	21	21	22	23	23	23	24	21
16	25	25	22	23	23	-	22	24	25	22	23	****	22	22	22	22	22	23	24	28	28	30	28	29	24
17	28	28	28	26	27	28	29	27	24	25	26	25	25	26	27	28	27	29	28	27	26	26	28	28	27
18	31	28	25	25	23	23	24	25	24	23	23	23	22	25	26	26	26	26	27	28	29	23	23	23	25
19	22	22	22	23	26	25	26	27	26	23	22	23	22	22	22	23	22	23	30	29	31	31	40	42	26
20	32	32	37	31	24	24	26	35	35	32	25	22	****	21	20	20	20	-	****	27	26	****	23	22	27
21	26	26	24	25	21	23	24	27	27	28	23	22	23	23	23	24	26	27	31	33	32	39	46	45	28
22	44	41	42	43	26	23	23	24	24	23	25	28	31	34	31	27	28	27	25	27	30	31	33	25	30
23	24	24	28	22	20	20	22	26	26	26	25	25	27	24	23	24	26	27	29	22	20	18	18	19	24
24	19	19	19	17	17	17	17	18	18	18	20	20	21	23	25	23	22	22	20	24	23	23	22	25	21
25	18	17	16	16	16	16	16	16	16	17	17	17	17	17	17	17	17	17	17	18	20	17	18	17	17
26	16	16	16	16	16	16	17	17	18	17	17	17	17	17	****	****	16	16	16	16	16	17	17	19	17
27	17	17	17	17	17	17	18	18	18	17	17	17	17	17	17	17	17	17	17	18	18	19	21	20	18
28	20	21	21	21	22	25	31	31	21	20	20	20	20	20	20	21	21	21	20	20	20	22	20	19	22
29	19	18	19	19	19	20	25	29	33	29	23	21	19	19	19	19	21	21	20	21	32	31	26	24	23
30	22	21	18	17	17	17	20	24	-	27	****	33	36	38	28	25	28	29	26	29	31	33	23	21	26
31	22	20	17	27	21	22	23	24	20	18	18	17	18	17	18	19	18	17	17	17	17	17	17	16	19
MEAN	25	24	23	23	22	22	24	26	25	24	23	23	23	23	23	23	23	23	23	24	25	25	25	25	23.6

PERCENTAGE OF DATA VALID - 88.0 PERCENTAGE OF DATA INVALID - 11.3 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	16	16	16	16	17	17	18	18	18	18	18	18	17	18	18	18	18	18	17	17	16	16	17
2	16	16	16	15	15	16	18	21	24	25	29	****	24	21	21	22	25	27	19	19	19	18	17	17	20
3	16	16	16	15	16	16	16	17	17	17	16	17	17	17	****	17	17	17	18	18	18	18	18	18	17
4	19	18	18	18	18	20	23	26	25	21	19	17	18	16	16	34	16	15	14	13	12	12	12	12	18
5	14	13	12	11	11	****	14	17	-	-	13	13	13	14	15	14	15	16	17	17	14	15	13	12	14
6	12	11	10	11	11	11	12	12	13	12	12	11	12	12	12	12	12	13	13	14	14	14	14	14	12
7	14	14	14	14	14	14	14	15	14	13	7	14	14	14	14	13	14	14	14	15	15	14	12	16	14
8	17	17	17	18	17	17	15	15	15	15	15	15	15	16	15	16	16	15	16	16	11	15	9	11	15
9	12	13	14	13	13	14	14	15	15	13	12	12	12	12	14	****	11	16	18	18	22	23	21	12	15
10	18	18	17	17	17	16	4	19	18	9	14	17	18	16	10	13	18	17	3	10	14	24	26	23	16
11	26	23	21	19	19	19	20	24	22	13	20	15	7	15	22	9	7	4	12	23	9	5	3	9	15
12	3	2	2	18	18	17	18	20	20	19	19	18	13	6	5	13	15	15	15	10	5	6	3	6	12
13	9	6	5	16	12	4	4	5	12	10	4	12	18	18	18	18	18	18	19	19	18	18	17	17	13
14	17	13	12	16	16	16	17	17	17	17	18	18	17	18	19	20	17	5	11	16	18	18	22	19	16
15	20	6	2	2	2	3	2	2	2	5	2	5	2	6	2	3	3	2	4	2	5	4	2	2	4
16	2	2	2	16	16	11	3	2	2	3	2	2	3	10	11	4	3	****	16	16	16	16	16	16	8
17	16	16	17	16	17	18	17	18	18	17	16	16	17	16	****	17	16	16	17	17	18	18	18	17	17
18	17	20	22	19	18	18	19	17	17	17	17	17	17	17	17	17	17	17	17	18	18	16	16	16	18
19	17	17	17	18	18	17	18	18	17	17	17	17	17	17	17	18	18	17	17	17	17	17	17	17	17
20	17	17	17	17	17	23	22	22	20	21	19	19	23	25	24	23	24	24	25	25	27	28	38	31	23
21	34	31	31	36	37	46	48	30	23	21	21	21	20	20	21	22	21	22	22	21	25	25	25	26	27
22	29	28	26	22	20	19	18	19	18	18	17	17	18	18	18	17	19	21	22	22	28	31	21	21	21
23	24	25	30	25	22	23	29	29	26	28	26	22	23	23	****	22	22	22	23	24	25	27	28	33	25
24	32	28	29	24	27	26	34	37	36	30	23	20	20	20	19	21	22	24	25	28	22	21	21	26	26
25	27	24	28	27	20	20	20	21	22	23	23	24	20	20	****	26	23	27	26	30	36	20	19	19	24
26	19	24	21	15	14	14	15	17	17	16	15	15	14	15	17	17	25	26	23	18	17	17	15	15	18
27	14	14	14	11	11	11	12	12	13	12	12	13	12	12	12	12	13	13	13	12	13	13	12	12	12
28	12	12	12	11	11	11	11	11	13	14	15	15	15	16	19	18	16	17	18	20	22	24	21	18	16
29	14	12	12	11	12	12	13	12	12	12	13	13	13	15	15	15	16	16	16	16	17	17	14	14	14
30	13	13	13	14	16	20	25	22	19	18	20	19	20	****	21	21	20	17	17	17	18	20	19	17	18
MEAN	17	16	16	17	16	17	17	18	17	16	16	16	16	16	16	17	17	17	17	18	18	18	17	17	16.7

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	15	15	15	16	17	16	16	16	16	16	17	16	17	17	17	17	17	18	18	19	18	18	17
2	19	23	25	29	23	26	27	19	18	18	22	21	20	20	19	22	22	21	21	21	20	18	18	17	21
3	17	16	16	16	16	17	20	21	20	19	21	20	22	****	28	31	34	28	23	16	16	15	15	15	20
4	15	15	15	15	15	17	17	16	16	16	16	16	16	15	16	16	-	16	16	15	15	16	15	15	16
5	15	15	14	15	15	16	19	16	16	16	16	16	16	17	18	17	17	18	20	17	15	16	15	15	16
6	16	16	16	17	16	15	15	16	16	16	16	17	17	17	17	17	17	17	17	17	17	16	17	16	16
7	15	15	15	15	16	17	21	20	18	18	17	17	18	****	18	18	17	15	15	15	15	15	16	14	17
8	14	14	14	14	16	20	22	27	26	23	22	19	19	19	19	23	22	19	23	26	24	24	21	20	20
9	18	20	19	22	23	32	28	25	23	21	22	19	14	14	15	15	15	15	15	17	15	15	17	22	19
10	24	21	22	28	29	30	39	35	23	18	20	19	18	17	19	22	20	18	20	23	26	23	19	17	23
11	18	25	33	32	25	19	22	26	22	21	21	23	****	23	22	23	23	20	18	18	18	18	19	22	22
12	27	28	30	20	16	18	26	23	19	16	15	15	16	15	14	14	14	14	14	13	13	13	13	13	17
13	13	13	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	15	18	19	18	14
14	15	17	15	18	20	25	25	22	18	19	18	18	17	****	19	20	18	17	18	17	21	22	22	20	19
15	20	22	21	21	20	22	21	21	19	18	21	21	21	21	19	19	21	17	17	21	18	17	16	16	20
16	16	16	15	15	15	16	17	17	18	17	16	16	16	16	16	16	16	16	17	17	18	18	19	20	17
17	-	30	30	****	33	37	26	26	22	24	20	20	18	****	19	19	19	20	22	23	23	24	22	18	24
18	18	21	21	25	26	25	28	27	25	22	22	22	21	20	20	22	23	20	19	20	21	19	19	21	22
19	22	21	20	19	20	20	19	19	18	18	18	18	17	17	16	16	17	18	17	18	18	18	18	21	18
20	18	17	16	16	16	16	17	16	16	16	16	17	18	18	18	18	19	19	18	19	19	21	23	22	18
21	****	25	22	22	22	19	17	14	14	15	15	15	15	15	15	14	15	15	16	16	16	15	15	15	17
22	15	16	16	16	16	17	17	18	17	17	16	18	****	14	14	15	14	13	13	13	13	15	21	****	16
23	13	13	17	14	12	14	15	13	12	12	12	12	14	14	14	15	15	14	14	14	15	15	13	13	14
24	15	12	13	12	11	11	11	11	11	10	9	10	10	****	15	16	15	16	16	15	16	16	13	12	13
25	11	11	11	11	-	****	12	13	13	12	12	13	13	12	12	13	13	12	12	11	12	12	12	12	12
26	13	13	12	16	12	14	17	15	15	16	15	15	15	15	13	14	14	15	15	17	15	16	16	14	15
27	15	15	15	14	13	12	13	12	12	14	14	14	14	14	14	15	15	16	15	16	18	17	17	19	15
28	19	17	21	23	22	23	24	20	17	16	15	16	18	****	20	20	19	20	18	17	23	20	22	20	20
29	25	28	23	29	32	32	20	19	19	17	17	15	16	20	18	18	19	17	16	15	16	16	18	17	20
30	18	19	20	19	20	19	17	17	15	18	26	18	15	16	21	20	20	20	20	21	23	26	35	31	21
31	35	35	42	42	40	50	52	36	27	25	19	18	19	19	18	19	19	18	18	20	21	22	24	28	28
MEAN	18	19	19	19	20	21	21	20	18	17	17	17	17	17	17	18	18	17	17	17	18	18	18	18	18.2

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	25	19	19	21	22	23	19	17	17	17	****	-	-	17	19	19	19	18	29	29	23	29	23	22
2	32	27	23	21	16	15	15	16	14	14	14	14	14	14	15	16	17	18	17	20	23	26	19	15	18
3	15	16	14	15	15	16	16	17	19	17	18	18	16	16	14	14	16	15	14	14	15	20	19	19	16
4	23	33	25	17	18	24	22	22	24	31	24	19	16	21	21	21	20	21	18	24	23	19	18	19	22
5	19	18	19	18	21	21	22	18	17	19	17	-	16	16	16	17	16	16	17	17	17	17	17	17	18
6	17	17	17	18	21	25	23	21	19	18	19	19	19	****	19	19	20	18	18	17	20	20	18	18	19
7	17	16	16	17	17	20	23	25	26	23	23	22	23	23	26	26	24	22	24	24	25	26	25	23	22
8	23	24	25	26	24	31	27	25	24	21	22	22	20	18	23	23	25	19	18	19	25	23	20	24	23
9	33	24	27	29	23	25	23	22	26	20	18	19	19	19	18	19	20	20	22	22	20	19	19	22	22
10	22	25	22	20	19	18	18	18	19	19	19	19	18	18	17	17	17	16	16	16	15	15	14	15	18
11	14	14	14	14	14	15	15	16	15	15	15	15	16	32	17	17	17	-	-	18	19	20	21	18	17
12	19	20	18	18	18	22	19	18	17	17	17	16	16	16	16	17	17	17	****	19	21	22	19	19	18
13	21	23	27	22	18	18	20	19	17	17	17	17	18	19	18	17	17	17	18	17	20	23	33	34	20
14	32	38	39	36	****	28	****	****	26	23	22	20	****	****	20	20	21	20	21	23	28	29	27	26	26
15	27	24	22	19	20	22	26	24	20	19	****	****	18	19	18	19	19	18	17	18	18	17	17	17	20
16	17	17	17	18	17	18	19	19	19	18	18	18	18	18	18	20	21	21	22	22	18	18	17	18	19
17	18	18	19	19	21	23	22	21	21	21	20	19	18	18	18	19	19	19	17	17	17	17	17	16	19
18	16	16	15	15	15	16	16	17	17	17	****	16	17	****	25	2	2	2	2	18	27	24	21	20	15
19	19	20	18	18	17	18	19	23	21	19	19	20	19	20	20	21	22	20	20	21	23	24	24	23	20
20	25	24	27	27	27	28	27	24	23	22	21	21	22	****	22	22	24	21	19	20	20	22	23	20	23
21	18	17	19	19	19	22	27	27	24	23	21	20	19	21	21	24	23	23	22	23	24	26	19	18	22
22	19	16	17	21	21	22	26	23	23	27	19	17	18	17	17	16	-	16	16	18	18	16	16	16	19
23	16	16	16	16	16	16	16	16	16	17	16	16	17	16	16	16	18	17	17	17	17	17	16	17	16
24	17	17	****	18	17	16	17	****	16	17	17	17	17	17	17	17	17	17	17	17	17	18	19	18	17
25	18	18	18	19	19	19	20	24	18	18	18	20	20	38	19	21	-	19	19	21	21	21	31	32	21
26	32	35	29	33	50	39	32	29	27	20	20	20	20	20	****	21	23	20	22	25	27	27	26	23	27
27	23	23	22	20	18	20	22	22	21	21	19	18	18	21	23	22	23	21	17	17	18	19	22	22	21
28	19	22	18	19	20	23	24	24	21	17	****	22	23	21	20	24	22	22	24	21	25	26	24	23	22
29	25	27	31	36	26	28	27	27	25	23	22	21	21	21	24	25	23	21	20	19	21	20	19	-	24
30	18	18	17	17	17	17	18	18	19	20	19	20	19	19	18	-	17	18	19	19	21	19	18	17	18
MEAN	21	22	21	21	20	22	22	21	20	20	19	19	18	20	19	19	19	18	18	20	21	21	21	20	20.1

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	16	16	16	18	18	17	16	16	17	19	17	17	16	17	17	18	18	18	19	19	21	19	17
2	18	19	21	22	22	19	16	16	15	15	15	15	15	15	15	15	15	15	15	16	17	18	15	15	17
3	16	15	15	16	15	17	15	17	17	****	****	25	24	18	16	16	14	16	14	13	16	18	17	20	17
4	19	17	13	13	25	22	14	15	14	20	13	15	12	12	11	11	15	15	14	15	16	12	11	8	15
5	6	6	6	8	5	5	10	14	8	6	****	****	10	16	11	15	10	10	10	11	16	19	13	13	10
6	14	12	9	11	14	14	12	19	13	12	9	11	11	10	12	11	10	7	10	7	8	11	7	10	11
7	14	17	14	17	15	14	14	14	11	9	9	12	9	11	11	9	10	11	10	11	13	13	9	12	12
8	27	23	20	19	18	18	17	16	18	20	19	18	19	16	18	18	17	19	18	21	23	23	23	25	20
9	21	25	27	30	31	34	38	33	29	23	****	25	20	21	19	21	23	22	24	24	25	30	24	27	26
10	22	20	19	17	17	21	25	24	23	23	23	22	22	21	19	21	23	22	22	24	23	23	24	20	22
11	17	18	18	19	22	21	22	23	19	18	21	23	26	25	25	27	26	24	22	22	25	28	27	28	23
12	36	35	33	34	32	28	26	27	19	18	18	17	17	18	22	23	23	21	20	22	22	23	26	25	24
13	24	27	24	25	21	21	22	25	25	23	21	22	21	21	22	22	21	20	21	24	29	27	29	32	24
14	38	37	28	24	23	20	22	24	22	22	21	21	18	19	21	20	19	19	21	20	21	22	19	20	23
15	24	24	25	28	26	22	21	22	21	18	19	21	20	17	18	18	17	19	20	22	24	24	18	19	21
16	19	34	24	26	24	25	26	22	17	17	17	17	17	19	21	21	17	16	16	17	16	16	16	16	20
17	8	7	9	7	8	9	9	-	11	19	17	16	16	17	19	22	22	17	17	16	17	17	16	16	14
18	15	16	16	16	16	17	18	17	17	17	16	16	15	16	16	15	18	19	17	17	18	16	17	17	17
19	17	18	19	26	27	25	28	22	22	17	16	17	17	19	18	19	20	18	19	19	22	24	25	30	21
20	25	27	22	26	26	26	20	19	24	27	23	22	****	****	19	19	19	18	18	20	22	21	22	35	23
21	****	23	26	26	27	26	24	22	19	21	22	20	19	19	20	19	18	18	19	20	22	22	22	23	22
22	22	24	24	24	18	20	-	20	19	18	18	16	16	15	16	16	15	18	19	21	23	24	22	19	19
23	****	18	21	29	23	22	24	24	24	24	25	22	19	****	21	22	21	26	21	21	21	19	21	20	22
24	18	17	18	17	18	23	25	24	21	23	21	21	19	19	19	19	19	16	15	15	16	19	18	15	19
25	14	16	18	16	17	20	21	20	19	19	18	18	18	18	20	19	20	22	18	21	21	19	24	22	19
26	21	19	19	20	18	18	20	20	18	16	17	15	15	16	16	15	15	16	15	15	15	16	15	15	17
27	16	15	16	16	17	18	18	17	16	16	14	****	20	-	18	20	20	19	19	20	25	27	23	21	19
28	20	23	22	22	22	26	28	29	22	21	20	21	19	16	15	15	15	15	15	15	15	15	15	17	19
29	17	17	16	18	19	18	18	16	15	16	16	-	15	16	19	19	19	18	19	19	23	23	20	20	18
30	21	19	17	16	16	19	23	26	22	21	22	18	18	17	18	19	20	18	18	18	18	19	19	16	19
31	22	17	17	17	18	22	24	28	23	24	22	22	17	16	18	19	14	14	15	12	12	13	13	13	18
MEAN	20	20	19	20	20	20	21	21	19	19	18	19	17	17	18	18	18	18	17	18	19	20	19	20	18 9

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	11	10	10	10	10	12	14	16	16	14	13	14	13	13	15	15	15	14	14	14	14	12	12	13
2	11	10	10	9	10	12	15	15	13	13	13	12	12	11	****	****	****	****	****	****	****	****	****	****	******
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	****	******
7	****	0	0	****	4	7	10	8	4	5	5	0	****	****	****	0	0	****	****	2	0	****	1	1	3
8	2	3	****	0	1	1	1	4	6	8	****	****	1	****	3	****	****	2	****	2	****	2	3	****	******
9	7	****	****	****	****	13	18	14	12	11	11	11	11	****	12	13	13	14	12	12	12	12	12	12	12
10	11	10	15	12	10	11	14	16	17	16	11	16	****	15	15	16	15	15	15	16	17	17	16	17	14
11	16	15	15	15	15	15	15	16	16	15	16	15	15	15	15	15	16	15	16	16	16	16	16	17	16
12	16	16	26	17	18	17	7	11	9	7	7	9	8	7	6	6	6	6	6	7	11	20	9	10	11
13	13	16	6	7	8	11	6	8	6	8	9	8	6	6	6	6	6	6	6	6	8	6	5	6	7
14	5	8	6	6	10	7	6	5	5	6	5	5	****	****	****	****	****	****	****	****	****	****	****	****	******
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	12	13	13	10	11	13	15	15	12	11	******
22	12	17	6	6	7	12	10	6	5	****	****	****	****	****	3	4	3	2	1	0	****	0	0	****	6
23	****	0	1	2	3	8	10	9	6	****	****	****	****	****	21	21	20	18	22	21	20	22	20	20	14
24	14	14	15	14	16	19	21	21	22	18	15	14	13	13	12	14	14	12	12	12	14	12	12	13	15
25	13	8	10	10	13	16	17	12	10	10	10	11	10	10	10	9	9	10	10	10	9	9	11	13	11
26	13	13	12	13	15	17	17	12	10	9	10	10	10	10	11	11	10	8	11	11	13	10	9	10	11
27	10	10	10	10	11	11	15	16	16	13	****	19	16	15	15	15	14	12	14	14	14	14	16	17	14
28	20	22	26	22	24	31	35	35	19	15	13	13	14	14	14	16	15	15	14	13	13	13	13	12	18
29	9	9	11	12	11	12	16	15	14	14	14	16	18	15	14	14	10	8	8	9	10	10	11	13	12
30	11	22	14	13	14	16	18	17	13	12	10	9	10	****	26	13	13	12	9	10	13	15	15	19	14
31	18	14	15	21	27	24	20	17	17	15	16	15	15	14	11	12	16	15	16	17	14	14	14	15	16
MEAN	12	11	12	11	12	14	14	14	12	12	11	12	12	12	12	12	12	11	12	11	13	12	10	13	11.9

PERCENTAGE OF DATA VALID - 57.9 PERCENTAGE OF DATA INVALID - 42.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	22	24	29	30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
2												- DATA INVALID -													
3												- DATA INVALID -													
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	17	16	15	14	14	15	14	15	18	******
5	20	22	21	18	16	16	19	21	14	13	11	10	11	10	10	12	17	14	14	11	12	12	12	12	15
6	15	13	8	8	9	12	32	12	7	8	6	5	4	7	****	16	15	14	13	13	12	12	13	14	12
7	15	17	18	16	15	15	16	16	14	13	13	13	13	14	14	13	14	15	16	17	18	19	20	21	16
8	21	21	21	21	21	20	20	20	17	15	15	14	14	13	13	13	13	14	17	18	18	18	19	20	17
9	22	26	25	23	22	23	24	18	16	15	14	16	15	15	14	13	14	14	14	16	18	18	17	18	18
10	19	19	19	20	23	22	21	21	17	15	****	17	17	17	17	17	16	15	16	18	21	22	22	22	19
11	21	20	22	21	21	23	30	28	21	18	16	16	15	15	19	-	20	19	21	27	31	32	30	32	23
12	34	35	34	29	28	33	35	28	20	19	18	18	18	****	27	15	16	13	13	13	13	13	12	10	21
13	10	11	11	13	15	19	26	17	12	11	11	11	11	11	14	14	14	14	15	14	11	11	9	8	13
14	8	8	8	8	10	11	10	10	9	10	11	29	16	14	13	14	13	14	17	18	16	17	17	18	13
15	18	21	21	22	22	32	41	32	22	16	15	13	12	11	10	10	9	9	10	10	10	11	12	12	17
16	13	12	15	16	16	22	24	24	24	15	13	13	14	14	13	11	10	11	12	12	11	10	11	12	15
17	11	12	13	14	15	17	22	23	16	13	11	11	11	10	11	12	11	11	12	11	11	10	9	10	13
18	10	10	10	11	12	15	24	16	12	10	10	10	10	****	****	17	15	15	14	****	15	17	17	17	14
19	17	18	18	22	23	29	29	25	23	20	19	18	17	17	16	16	17	****	22	25	26	34	33	34	23
20	37	37	35	40	43	46	53	52	37	25	21	19	16	17	19	18	****	16	16	17	16	17	18	22	28
21	20	24	26	28	25	29	29	26	24	19	18	16	16	15	15	14	14	14	16	17	****	19	20	21	20
22	23	23	23	22	30	31	32	29	22	20	19	18	18	16	15	15	15	15	16	18	20	21	22	22	21
23	26	25	27	27	27	28	29	27	23	20	19	18	18	17	18	18	19	20	24	26	33	36	42	36	25
24	33	33	33	34	28	23	31	32	33	21	14	16	16	14	14	16	18	16	19	20	21	23	22	25	23
25	31	34	34	36	38	30	29	26	25	23	20	19	17	18	16	15	12	12	14	14	15	19	19	17	22
26	16	16	16	15	16	18	21	19	16	15	12	13	26	11	8	7	5	8	9	10	15	19	20	23	15
27	17	21	27	33	33	36	34	37	32	22	18	13	11	8	8	9	10	9	10	12	14	18	19	15	19
28	14	24	42	7	6	9	13	14	13	11	8	8	8	11	10	13	12	12	14	18	13	10	11	10	13
29	10	13	11	10	10	13	11	8	9	9	8	8	7	6	6	7	8	9	10	12	12	13	13	15	10
30	16	13	9	10	9	10	11	12	10	9	7	9	8	7	6	7	7	7	7	13	8	4	3	5	9
MEAN	19	20	21	20	21	23	26	23	19	16	14	14	14	13	14	13	13	13	15	16	16	17	18	18	17.4

PERCENTAGE OF DATA VALID - 87.4 PERCENTAGE OF DATA INVALID - 12.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	5	6	8	8	10	10	8	5	4	4	4	****	31	23	24	22	23	25	24	24	22	19	14
2	19	20	20	19	17	16	19	20	21	19	21	19	18	19	19	21	20	18	18	17	17	16	15	15	18
3	14	15	14	14	15	16	20	21	20	19	22	20	21	21	18	17	18	17	15	14	16	16	17	15	17
4	14	14	14	15	16	20	24	27	22	22	23	20	21	****	21	18	18	18	19	19	20	20	20	22	19
5	24	24	20	24	18	19	35	24	24	22	19	19	16	15	15	17	19	17	18	18	14	15	16	16	20
6	16	17	22	22	22	19	19	21	23	21	21	19	19	18	18	19	19	20	19	19	18	18	19	19	19
7	19	19	19	19	23	27	22	20	16	15	14	14	14	14	14	15	15	17	20	21	21	22	23	23	19
8	23	-	25	26	27	28	34	29	24	21	19	18	17	18	17	17	17	21	24	26	22	23	21	20	22
9	19	18	18	19	21	22	23	24	24	24	-	****	19	18	22	20	20	20	33	33	29	37	45	44	25
10	37	41	-	67	36	****	52	48	39	27	25	24	23	22	22	23	22	19	18	20	25	23	22	21	30
11	22	23	30	27	29	37	36	32	28	28	22	20	21	22	****	24	26	22	23	21	21	17	15	15	24
12	14	13	13	17	19	22	23	24	19	****	19	18	17	18	19	19	21	23	22	17	15	15	12	17	18
13	17	16	19	22	20	18	17	17	20	18	17	16	16	16	16	17	16	17	16	15	14	14	18	20	17
14	28	24	22	19	25	27	22	21	17	15	15	16	15	15	15	14	15	15	14	14	14	13	12	12	17
15	12	12	12	12	17	20	21	-	18	****	19	17	16	****	18	17	17	14	13	11	10	10	8	8	14
16	7	6	6	7	6	8	15	17	9	7	7	0	9	10	11	13	12	12	11	11	10	9	9	12	9
17	23	18	16	11	9	12	18	-	-	25	21	21	27	29	33	37	26	26	26	27	33	34	23	29	24
18	16	10	7	7	7	8	12	12	12	9	****	21	21	21	21	23	22	23	25	26	25	23	26	30	18
19	28	20	17	16	16	18	21	24	21	21	24	24	27	27	31	-	-	29	29	28	27	27	26	27	24
20	28	29	29	29	27	26	30	33	32	32	34	36	37	38	39	39	39	38	38	36	36	35	36	36	34
21	36	36	34	33	33	32	32	32	33	34	34	37	40	42	44	46	47	48	46	46	46	48	51	51	40
22	45	42	42	41	42	45	49	53	48	46	39	33	28	23	****	25	25	26	23	21	21	21	21	18	34
23	18	16	16	16	16	17	19	22	23	19	16	16	17	16	15	17	16	16	16	15	15	16	15	15	17
24	14	15	14	14	13	14	15	16	15	14	14	16	15	14	14	15	15	15	14	13	13	-	13	13	14
25	12	12	12	13	16	17	20	21	18	16	15	15	14	****	****	21	19	18	18	19	23	23	23	24	18
26	25	24	24	24	24	26	25	26	25	23	21	20	19	-	18	18	18	17	18	20	21	22	22	23	22
27	23	22	21	20	19	20	19	23	15	20	20	21	20	21	22	22	21	20	19	19	18	17	18	18	20
28	18	18	17	17	17	17	19	20	19	18	18	18	17	18	18	18	18	18	18	17	17	17	17	16	18
29	17	16	16	16	16	16	17	18	18	17	17	44	21	20	20	21	21	22	22	21	21	20	21	23	20
30	23	21	19	19	19	20	25	26	23	22	21	21	21	21	22	22	25	27	25	24	22	20	20	20	22
31	19	19	19	19	19	19	21	24	26	23	23	23	23	23	24	25	27	26	24	24	24	28	28	24	23
MEAN	21	20	19	20	20	20	24	24	22	21	20	20	20	21	21	21	21	21	22	21	21	21	21	21	21.0

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	26	26	26	24	24	28	35	35	28	25	23	24	****	31	34	38	40	33	28	25	23	21	21	28
2	22	21	21	20	20	20	21	23	23	22	23	22	22	21	22	22	25	24	25	26	25	23	23	21	22
3	24	27	25	27	28	30	33	34	30	28	25	23	25	26	22	22	22	22	22	23	23	22	23	-	25
4	22	22	22	21	21	24	26	30	26	23	23	22	22	23	23	23	24	25	26	27	32	30	31	34	25
5	38	39	39	42	43	46	48	53	47	35	32	32	33	33	****	48	36	35	30	29	28	28	30	30	37
6	31	28	29	31	31	31	31	35	38	37	32	38	41	31	30	32	33	31	30	27	29	27	24	22	31
7	21	18	18	17	16	15	16	17	17	16	15	15	15	15	15	16	16	15	16	15	14	14	16	19	16
8	21	21	19	17	16	-	****	17	17	16	16	16	17	19	19	20	20	21	21	22	23	23	20	22	19
9	28	26	29	31	45	45	38	37	41	38	30	27	23	22	22	25	24	25	23	-	19	19	19	21	29
10	22	22	20	17	18	19	18	19	19	18	18	18	19	19	19	21	22	20	21	19	19	18	19	18	19
11	18	19	-	17	17	18	21	23	23	22	20	19	-	19	18	18	18	20	22	22	22	20	23	27	20
12	22	20	21	-	23	21	25	28	26	23	21	21	20	21	21	26	28	29	25	31	35	36	32	30	25
13	30	30	28	25	24	21	24	24	26	22	20	19	19	19	****	24	21	26	29	26	22	21	23	20	24
14	20	24	22	25	22	22	21	23	24	20	19	18	18	18	19	19	20	21	23	21	19	21	24	25	21
15	28	29	27	22	21	21	24	28	27	25	22	20	19	****	25	24	26	27	25	25	23	21	19	19	24
16	19	20	21	23	23	26	30	36	32	27	25	25	23	22	22	22	25	26	26	26	24	23	22	22	25
17	21	21	21	21	21	21	21	22	22	23	23	23	23	23	24	24	26	26	28	32	35	43	51	43	27
18	46	47	47	45	37	38	34	33	33	30	28	27	26	28	29	28	28	27	27	27	26	26	26	25	32
19	24	23	23	23	23	24	26	31	32	30	29	30	31	32	****	30	30	28	25	24	22	24	22	22	26
20	20	18	19	21	22	22	23	27	24	19	20	18	18	19	17	16	16	17	16	16	14	14	13	13	18
21	12	12	12	12	12	12	14	20	20	16	17	16	15	****	22	21	22	-	20	19	19	19	19	19	17
22	19	19	21	22	21	21	26	28	30	27	27	29	27	29	30	30	29	30	18	25	25	27	27	27	26
23	26	25	24	22	23	22	25	29	30	29	27	27	27	26	26	28	30	33	24	26	30	33	30	31	27
24	36	36	27	20	20	19	20	21	20	19	10	19	19	18	19	19	20	22	23	21	19	****	20	20	21
25	23	24	27	30	30	29	28	28	30	27	20	19	18	18	17	17	18	17	18	17	17	17	17	17	22
26	16	16	17	17	17	18	21	26	25	22	21	19	18	17	****	42	19	19	18	18	18	18	19	19	20
27	19	18	19	19	19	20	21	22	22	21	21	21	21	20	20	21	24	24	23	23	23	23	23	23	21
28	25	22	19	19	21	20	20	18	18	18	17	18	18	19	19	18	18	18	18	17	17	17	17	18	19
29	18	17	17	16	16	16	17	19	22	18	17	17	17	17	****	22	-	****	22	22	21	21	21	21	19
30	23	24	25	24	24	24	25	26	26	25	24	23	23	22	22	22	23	24	25	26	26	27	27	29	25
MEAN	24	24	24	23	23	24	25	27	27	24	22	22	22	22	22	24	24	25	23	23	23	23	23	23	23.7

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	28	28	28	29	29	26	26	29	29	28	29	26	26	25	****	24	23	23	24	24	25	25	25	26
2	25	25	26	26	27	28	27	27	27	25	24	23	23	22	22	22	26	28	32	30	32	30	30	30	27
3	28	28	30	31	30	29	31	34	35	30	28	****	20	19	19	18	****	23	21	19	17	16	15	16	24
4	16	16	16	18	19	18	18	19	19	18	17	16	15	15	15	16	16	17	15	16	16	16	16	18	17
5	20	20	19	18	17	16	17	20	21	19	18	18	18	17	16	17	18	18	18	17	17	17	18	17	18
6	17	17	17	16	17	18	21	23	22	21	18	****	23	22	21	21	23	24	23	21	21	22	20	20	20
7	21	22	23	25	24	25	29	34	34	27	22	21	21	21	21	24	26	24	21	20	19	19	19	18	23
8	19	19	18	18	18	19	21	23	23	23	22	21	21	20	20	21	23	24	****	23	24	24	25	25	21
9	25	25	25	25	24	24	24	25	25	25	25	26	26	26	26	24	23	22	21	21	22	21	20	20	24
10	21	22	22	22	22	24	30	29	35	35	25	****	24	24	23	23	25	25	23	23	26	27	25	24	25
11	21	22	21	20	20	20	21	22	23	22	22	21	22	22	23	23	25	24	23	23	22	22	20	20	22
12	20	19	19	19	19	20	21	21	22	21	20	20	19	19	19	20	20	20	21	21	21	20	21	20	20
13	20	20	21	23	23	24	26	28	29	27	26	****	24	22	22	23	21	24	27	28	28	25	21	20	24
14	20	20	20	21	21	21	22	24	28	23	22	20	20	****	22	21	20	21	20	21	20	20	22	21	21
15	21	21	23	21	22	22	23	27	27	23	22	22	21	21	21	21	22	23	25	23	23	23	23	22	23
16	22	22	21	20	20	21	21	21	21	21	20	20	21	21	20	18	18	20	21	23	24	24	24	24	21
17	24	24	25	25	25	25	26	29	32	27	27	****	19	18	17	18	18	19	19	19	18	17	18	18	22
18	17	16	16	17	16	16	16	17	17	17	16	16	15	16	15	18	20	20	20	20	21	19	20	19	18
19	17	15	17	16	17	19	19	20	20	20	18	17	18	****	21	21	22	21	21	21	21	20	20	20	19
20	22	23	24	24	24	24	25	27	29	28	27	25	26	26	25	26	30	34	35	44	36	35	41	48	30
21	51	43	41	31	24	26	43	52	46	48	28	25	24	25	25	26	29	28	29	29	27	26	22	21	32
22	20	21	20	20	18	18	19	19	19	21	21	22	23	24	26	26	26	25	26	26	25	24	24	24	22
23	24	24	24	24	22	22	21	21	22	23	23	24	24	24	26	26	24	21	22	22	23	24	25	25	23
24	30	24	24	26	26	27	27	29	21	21	20	20	20	19	20	19	19	19	19	19	19	19	20	19	22
25	18	19	18	18	17	17	17	16	16	16	16	16	16	16	16	15	15	15	15	15	15	15	15	15	16
26	15	15	15	15	17	17	17	16	17	20	19	18	18	18	17	18	18	17	17	17	16	18	17	17	17
27	16	17	16	16	16	16	16	17	17	17	****	17	16	17	17	17	19	18	16	16	16	16	16	16	17
28	17	16	16	15	16	16	16	16	18	18	16	16	17	17	17	17	18	18	19	19	18	25	20	18	17
29	17	18	17	17	19	24	23	20	20	18	18	18	18	19	18	19	19	18	19	20	19	19	17	19	19
30	17	15	17	23	18	16	15	18	17	16	16	16	16	16	16	16	17	19	18	18	17	18	16	17	17
31	23	25	32	33	34	30	24	23	28	21	23	19	19	19	19	19	20	21	24	24	25	25	28	-	24
MEAN	22	21	22	22	21	22	23	24	24	23	22	20	20	20	20	20	21	22	22	22	22	22	21	21	21.7

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	18.2	28	53
FEB	28	22.2	33	52
MAR	27	23.6	30	47
APR	30	16.7	27	48
MAY	31	18.2	28	52
JUN	30	20.1	27	50
JUL	31	18.9	26	38
AUG	17	11.9	18	35
SEP	26	17.4	28	53
OCT	31	21.0	40	67
NOV	30	23.7	37	53
DEC	31	21.7	32	52
YEAR	340	19.7	40	67

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	107	199	347	13	0	0	0	0	666
FEB	0	182	441	33	0	0	0	0	656
MAR	0	129	474	52	0	0	0	0	655
APR	71	462	159	17	0	0	0	0	709
MAY	4	510	194	21	0	0	0	0	729
JUN	4	374	293	23	0	0	0	0	694
JUL	38	393	284	14	0	0	0	0	729
AUG	158	245	25	3	0	0	0	0	431
SEP	100	342	138	49	0	0	0	0	629
OCT	39	319	287	76	1	0	0	0	722
NOV	1	188	431	81	0	0	0	0	701
DEC	0	271	432	29	0	0	0	0	732
YEAR	522	3614	3505	411	1	0	0	0	8053

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
91.9	0	11.8	16.3	18.8	21.6	26.6	30.2	35.7	40.6	67	19.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	25	23	22	23	25	25	24	23	23	23	22	23	25	23	23	24	25	25	23	24	25	21	21	24
2	19	19	19	19	19	21	20	19	20	20	19	19	20	****	****	18	18	19	18	19	19	19	19	19	19
3	21	21	21	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
4	22	22	23	23	24	23	24	24	24	23	23	23	22	22	22	23	24	24	24	24	23	23	23	23	23
5	23	23	23	23	24	23	23	23	23	24	23	23	23	23	****	23	24	24	24	24	24	25	25	25	24
6	24	24	24	24	24	24	24	24	24	24	24	23	23	23	23	23	23	23	23	23	23	23	23	23	23
7	23	23	22	23	23	22	22	23	24	24	25	24	27	34	29	40	39	42	36	40	27	25	28	27	28
8	27	40	23	24	30	40	24	24	24	23	22	21	21	21	21	21	22	22	22	23	22	23	23	23	24
9	23	22	22	23	23	23	23	24	22	22	22	22	22	22	****	****	24	24	23	23	24	24	24	24	23
10	24	24	24	24	24	24	24	24	24	23	22	22	23	22	21	21	22	23	26	23	25	24	25	25	23
11	29	24	27	25	25	29	32	29	31	30	24	22	23	23	22	22	22	23	25	27	26	26	26	27	26
12	39	50	45	45	55	41	55	32	29	29	28	22	23	23	23	24	25	25	26	38	74	43	49	50	37
13	51	38	30	28	29	26	24	24	25	25	26	25	25	24	24	23	22	22	22	22	22	21	21	21	26
14	22	22	24	26	23	25	22	23	24	20	20	20	21	20	20	20	20	22	20	20	20	20	20	20	21
15	21	20	21	21	21	21	21	21	22	22	22	22	23	****	22	22	22	22	22	21	21	21	21	21	21
16	20	20	20	20	20	20	20	21	22	22	20	20	21	20	20	20	21	23	22	21	22	24	36	29	22
17	41	34	28	33	35	30	22	22	22	21	21	21	84	29	24	28	31	29	23	20	20	20	20	20	28
18	20	20	19	20	19	20	20	21	22	21	21	21	22	21	21	22	23	22	25	22	24	25	26	24	22
19	27	25	23	37	46	26	26	48	34	40	31	39	34	****	37	22	21	21	24	24	24	23	22	22	29
20	22	21	21	20	20	20	20	21	22	21	21	21	22	22	22	21	21	21	21	21	22	21	20	19	21
21	21	20	21	19	19	18	18	19	24	26	22	23	32	26	29	26	18	18	17	17	17	17	17	17	21
22	18	18	17	17	17	17	17	17	18	18	17	18	18	****	21	21	21	21	21	21	21	21	21	21	19
23	22	21	21	21	21	21	22	21	22	22	23	23	22	22	22	22	22	22	22	23	22	22	23	23	22
24	22	22	22	22	22	22	22	23	22	22	22	22	22	22	23	22	22	22	22	21	21	21	21	21	22
25	21	21	21	28	29	23	20	21	22	21	22	21	24	****	23	22	23	22	22	23	24	24	23	23	23
26	25	24	23	23	24	23	21	23	23	22	22	21	21	22	22	23	24	23	22	24	28	28	32	30	24
27	31	26	26	26	24	24	31	37	33	24	38	41	24	51	39	24	23	24	39	46	26	41	54	45	33
28	35	42	51	42	41	32	33	23	23	22	23	24	25	21	21	21	21	21	21	21	21	21	21	21	27
29	21	21	21	21	23	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
30	21	21	21	21	21	24	21	23	25	21	21	21	21	21	21	21	25	30	26	26	30	24	24	21	23
31	21	21	21	22	30	24	24	22	30	31	32	24	22	20	20	21	21	21	22	26	22	21	21	23	23
MEAN	25	25	24	25	26	24	24	24	24	24	23	23	25	24	24	23	23	23	23	24	25	24	25	24	24.1

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	28	28	23	20	20	22	23	23	24	22	25	23	20	20	21	21	21	21	21	21	21	21	21	22
2	21	22	22	22	24	22	21	22	23	21	21	21	21	21	21	****	24	34	36	31	25	31	24	24	24
3	28	26	27	24	41	38	26	25	34	32	32	25	21	21	21	21	21	22	23	23	24	24	27	25	26
4	25	25	24	22	22	22	22	23	23	22	22	22	22	20	20	20	21	21	21	21	21	20	20	20	22
5	21	21	21	21	21	21	20	21	22	20	21	20	21	21	****	19	19	20	19	19	19	19	19	19	20
6	20	19	21	21	24	21	22	31	30	28	27	****	****	****	7	8	7	6	6	8	9	12	19	105	21
7	15	29	11	11	14	28	36	10	7	5	7	7	7	7	8	8	7	8	6	7	8	16	16	11	12
8	13	6	4	2	3	2	2	3	4	3	5	5	6	****	****	20	20	20	20	20	20	21	25	26	11
9	27	26	27	26	26	27	25	24	24	25	25	23	24	24	24	23	21	21	25	22	23	21	22	22	24
10	22	21	21	22	24	23	57	46	28	28	27	22	21	21	22	23	21	22	22	22	23	25	28	27	26
11	26	26	32	45	36	42	39	37	32	28	22	23	21	21	22	21	22	24	27	37	41	37	41	44	31
12	53	65	28	25	98	-	-	-	-	-	-	-	-	-	27	32	34	37	28	21	23	22	24	26	******
13	25	28	29	25	20	19	20	21	21	22	35	23	22	24	21	22	24	30	36	38	28	31	28	22	26
14	33	29	49	28	27	34	23	20	21	22	21	22	21	21	22	23	21	19	21	20	22	21	19	19	24
15	19	19	18	18	18	19	20	21	21	21	20	19	19	19	19	19	19	19	19	19	19	19	18	18	19
16	19	19	18	18	18	19	19	20	20	21	20	21	21	20	20	19	21	21	21	22	24	23	22	21	20
17	22	23	24	25	25	29	26	29	26	24	23	21	22	23	24	23	24	34	32	28	30	36	42	38	27
18	31	39	24	53	47	44	28	25	24	23	20	20	21	21	21	21	21	21	21	21	22	21	21	20	26
19	21	21	23	27	21	26	21	23	24	23	25	21	24	****	-	-	-	-	-	-	-	-	-	-	******
20	22	22	22	22	21	21	24	22	23	23	22	21	22	21	21	21	21	24	24	22	22	22	23	24	22
21	30	30	28	28	27	26	27	29	31	26	26	26	25	22	22	19	19	21	20	20	20	20	20	20	24
22	21	21	21	21	21	21	21	21	22	22	22	23	23	****	24	23	23	24	25	26	24	23	23	22	22
23	22	22	22	22	22	22	22	23	23	24	24	24	23	24	25	27	29	29	29	25	30	25	25	25	25
24	23	24	23	23	22	22	22	22	24	24	23	23	26	24	25	26	22	23	23	22	22	22	21	21	23
25	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	19	19	19	19	19	20	20	20	21	20
26	19	19	19	18	18	18	19	19	20	24	24	24	22	30	26	23	22	22	29	30	20	19	19	19	22
27	18	25	26	23	22	22	21	22	25	26	25	26	21	23	****	21	23	22	21	20	20	20	20	20	22
28	20	21	22	20	21	22	21	22	31	24	22	21	20	21	25	27	28	30	35	42	40	52	41	70	29
MEAN	24	25	23	23	26	24	24	23	23	22	22	21	21	21	21	21	21	23	23	23	23	24	24	28	23.1

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 2.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	40	35	27	26	25	23	22	23	24	23	22	22	22	****	****	****	****	****	****	****	****	****	****	****	******
2	****	****	****	****	****	****	****	****	****	****	****	21	19	20	19	19	20	23	25	22	22	22	22	23	******
3	24	22	21	20	20	20	20	21	22	22	23	23	22	21	21	22	22	23	26	23	22	21	21	21	22
4	20	20	20	20	20	20	19	19	18	18	19	19	19	19	19	19	21	23	23	23	21	21	21	22	20
5	21	21	21	21	19	19	19	19	19	19	19	18	18	19	****	20	20	21	20	21	21	21	21	22	20
6	23	23	23	23	24	23	21	22	22	23	23	22	21	20	19	19	19	19	19	19	20	20	19	19	21
7	19	19	23	20	21	116	32	30	33	26	21	20	19	19	19	19	20	21	23	42	35	32	91	122	35
8	70	42	50	46	39	43	35	41	36	30	26	26	20	****	21	22	26	29	26	26	27	22	24	23	33
9	27	31	23	22	21	26	28	24	28	25	22	24	20	20	20	21	22	22	22	22	23	26	24	23	24
10	21	23	22	22	20	20	20	20	20	19	19	19	20	20	19	19	19	19	19	19	19	19	19	19	20
11	19	19	19	19	19	19	19	18	18	18	19	19	18	18	18	18	18	19	19	19	19	19	19	19	19
12	19	19	19	19	19	18	18	19	19	19	19	19	18	18	18	18	19	19	19	19	21	20	21	24	19
13	25	24	22	21	21	21	21	21	21	21	21	21	21	20	20	19	19	18	18	18	18	18	19	19	20
14	19	18	18	18	18	18	18	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19	18
15	20	20	20	20	20	20	20	20	20	19	19	19	21	19	20	20	20	20	21	21	21	21	21	21	20
16	20	20	20	20	19	19	19	19	19	19	19	19	17	18	18	18	18	23	24	26	26	26	26	27	21
17	26	25	25	24	26	26	25	25	25	23	22	22	21	22	22	22	23	22	22	24	29	27	66	77	28
18	60	55	57	52	54	38	34	38	30	31	25	24	23	23	22	21	20	20	22	23	31	32	23	23	33
19	21	21	22	39	28	33	36	25	21	22	21	21	20	20	20	20	21	22	23	24	25	24	30	55	26
20	46	31	28	29	32	28	32	25	25	26	24	22	19	19	21	23	24	28	38	43	32	29	36	32	29
21	33	24	34	32	27	28	27	28	31	26	28	24	22	22	23	23	26	27	25	28	29	28	41	50	29
22	31	43	35	29	26	25	26	33	31	30	29	28	28	27	55	95	32	27	25	31	41	42	34	45	35
23	95	100	129	42	35	33	38	41	37	29	27	24	24	104	68	96	36	37	34	27	25	24	23	22	48
24	21	22	21	21	20	19	19	19	19	19	19	19	22	23	26	28	21	22	24	26	26	22	21	20	22
25	19	19	19	19	19	19	19	19	19	19	19	19	20	20	19	19	19	19	19	20	22	25	24	22	20
26	23	24	24	22	23	23	20	20	20	21	20	20	19	19	19	19	20	20	20	20	20	20	20	20	21
27	20	20	20	20	21	21	20	20	21	22	23	24	21	****	19	19	19	19	19	19	20	20	22	20	20
28	21	22	21	21	78	36	24	22	23	20	20	19	18	20	20	20	22	21	21	22	23	20	21	21	24
29	22	23	23	23	23	22	21	22	23	21	21	21	22	21	26	25	26	22	23	25	28	28	26	23	23
30	24	22	21	21	21	21	21	24	26	27	31	27	26	28	26	25	28	25	26	34	37	47	33	26	27
31	19	18	18	20	22	25	21	19	19	19	19	19	19	19	19	19	19	21	20	20	21	21	22	21	20
MEAN	29	28	28	25	26	27	24	24	24	22	22	21	21	23	23	26	22	22	23	24	25	25	28	30	24.6

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 3.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	20	20	20	19	19	19	19	19	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
2	20	20	20	20	19	19	20	22	24	27	26	28	28	24	22	23	25	20	19	19	19	19	19	20	22
3	19	19	19	19	19	19	19	20	20	20	20	20	19	19	18	18	18	15	17	12	18	19	****	****	18
4												- DATA INVALID -													
5												- DATA INVALID -													
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	18	19	19	19	20	20	20	20	20	******
7	20	20	20	20	20	20	20	20	20	20	20	20	20	21	21	21	21	21	21	21	21	21	21	21	20
8	21	21	23	21	28	35	50	31	26	22	22	21	20	20	20	20	21	21	21	22	22	22	21	22	24
9	23	21	20	20	21	21	21	21	21	21	22	21	20	19	19	19	20	20	20	23	21	21	23	23	21
10	21	23	22	21	21	21	20	21	22	22	22	23	21	22	21	18	18	18	18	19	21	22	29	35	22
11	30	23	24	22	22	26	30	24	22	21	21	20	19	19	19	19	20	21	22	23	23	22	22	21	22
12	22	22	22	21	20	19	19	19	20	20	20	20	20	20	20	20	20	20	20	19	19	19	18	18	20
13	19	19	18	18	18	17	17	17	17	17	17	17	18	18	18	17	18	18	19	20	20	18	18	18	18
14	19	18	18	18	17	17	17	17	18	17	18	18	17	16	16	16	17	18	18	18	21	56	25	18	20
15	17	18	17	18	17	17	17	17	16	16	16	17	16	16	16	16	17	16	17	17	17	17	17	17	17
16	16	16	16	17	17	17	17	17	17	18	17	18	19	19	18	18	18	17	16	17	17	18	18	23	18
17	23	24	22	20	18	18	20	19	19	18	17	17	17	17	18	20	20	19	21	19	18	18	19	22	19
18	25	26	23	22	26	22	21	21	21	22	23	21	21	20	****	22	21	20	20	20	23	20	25	26	22
19	26	26	24	25	30	38	31	24	24	23	22	20	20	21	21	22	22	22	22	25	24	25	31	29	25
20	31	31	31	43	32	23	27	28	32	28	26	21	26	****	23	22	21	21	21	21	26	27	35	28	27
21	29	28	54	35	34	39	36	32	25	24	23	23	22	21	21	21	21	22	23	21	22	51	24	23	28
22	33	26	23	22	22	23	23	23	24	22	21	20	20	20	20	21	21	22	21	21	27	33	32	29	24
23	29	27	27	22	27	34	29	29	28	26	24	26	21	22	21	22	21	22	23	22	25	28	27	35	26
24	25	29	31	45	28	35	26	25	41	35	34	28	28	25	25	25	26	25	24	27	25	26	26	28	29
25	32	108	37	32	36	34	24	24	25	28	34	32	27	26	25	26	30	30	27	31	29	28	27	28	33
26	36	35	30	26	27	26	26	26	26	25	24	22	20	19	21	21	24	24	23	22	21	21	21	21	24
27	22	22	21	22	24	23	22	21	22	20	21	23	****	25	22	22	22	22	21	20	22	20	20	19	22
28	19	22	21	20	21	19	19	19	20	21	21	21	22	22	23	21	21	21	21	22	23	24	24	22	21
29	21	20	19	19	19	19	19	20	20	20	20	19	18	19	19	19	19	19	20	21	31	29	39	45	22
30	49	75	26	23	23	23	25	25	23	23	23	23	24	22	21	21	19	19	19	19	21	21	21	20	25
MEAN	25	28	24	23	23	24	24	22	23	22	22	21	21	20	20	20	21	20	20	21	22	24	24	24	22.5

PERCENTAGE OF DATA VALID - 90.6 PERCENTAGE OF DATA INVALID - 9.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	19	19	19	20	21	21	20	21	21	21	20	19	19	20	19	19	19	20	21	22	22	31	35	21
2	24	36	35	24	29	23	25	25	23	23	22	21	21	21	19	20	20	21	24	26	25	22	22	22	24
3	22	22	23	35	22	22	22	24	24	24	24	26	25	25	25	27	32	25	22	20	20	20	20	20	24
4	21	21	21	21	21	21	21	21	22	22	22	22	****	19	21	19	19	19	19	20	21	22	21	21	21
5	19	18	18	18	18	18	19	18	19	19	19	18	19	19	19	19	19	20	20	19	20	22	22	21	19
6	21	21	21	21	21	21	21	21	21	21	21	22	21	21	21	22	23	22	23	23	23	23	23	24	22
7	22	22	21	21	21	21	22	22	22	21	21	21	20	21	21	21	20	20	20	20	20	20	20	20	21
8	20	21	30	24	25	27	32	34	34	30	28	****	27	27	28	28	27	29	35	41	36	30	33	33	30
9	31	30	27	28	39	37	33	37	32	28	22	20	20	19	19	19	19	19	19	19	19	21	23	23	25
10	38	33	24	28	42	37	28	26	22	22	25	23	****	23	24	25	25	26	28	31	25	26	30	31	28
11	25	33	27	26	22	23	24	31	26	30	26	26	26	26	25	24	25	23	23	25	25	28	28	29	26
12	28	27	30	29	27	24	31	29	24	22	23	24	26	26	25	26	26	23	21	23	22	25	25	20	25
13	21	21	24	22	19	19	20	22	21	20	20	19	19	19	19	19	19	19	19	20	20	22	22	21	20
14	21	21	21	23	25	29	25	22	22	24	24	23	22	21	21	22	21	21	21	21	25	25	26	28	23
15	27	24	22	25	23	21	22	24	24	23	22	22	****	21	21	23	22	21	22	22	21	25	25	22	23
16	21	21	20	20	21	21	21	21	21	21	22	22	23	22	22	22	22	23	23	21	24	35	25	25	22
17	23	24	25	30	32	31	36	29	27	28	24	23	22	21	22	22	23	24	24	23	24	24	23	22	25
18	23	27	28	28	33	40	35	36	32	25	25	25	****	28	24	25	23	23	24	25	27	37	37	41	29
19	36	38	33	31	30	32	31	25	23	23	22	22	22	22	22	24	23	23	23	26	26	27	33	29	27
20	26	28	26	24	23	23	22	22	22	21	22	22	22	21	23	22	22	22	23	23	27	32	30	46	25
21	29	24	25	35	27	30	22	23	22	20	20	20	21	20	19	19	20	20	20	21	20	21	22	22	23
22	22	21	22	23	27	25	27	25	23	22	22	21	22	21	21	21	21	21	22	22	23	24	24	23	23
23	22	25	22	24	31	38	46	43	23	23	23	23	****	****	22	21	20	20	22	23	23	23	23	25	26
24	36	37	38	37	29	28	21	20	19	18	18	18	18	18	19	19	20	19	20	20	22	31	23	18	24
25	18	18	18	18	18	18	19	19	20	19	19	19	****	19	19	19	19	19	19	19	19	19	19	19	19
26	19	18	18	18	18	18	19	19	19	19	19	19	19	19	19	20	20	21	21	21	22	21	19	19	19
27	19	19	19	18	18	20	19	18	18	19	19	20	20	21	20	20	20	20	20	21	24	32	27	25	21
28	25	24	24	22	27	25	21	21	20	19	21	21	20	21	21	22	22	21	22	22	21	20	20	41	23
29	21	36	47	25	24	22	24	33	22	21	22	19	19	****	21	20	21	21	19	19	25	24	25	25	24
30	24	62	68	31	36	30	24	36	38	26	20	20	22	23	23	24	23	24	23	23	24	28	35	31	30
31	27	32	28	23	29	26	31	34	27	26	25	23	21	****	21	21	21	21	21	23	31	28	32	32	26
MEAN	24	27	27	25	26	26	25	26	24	23	22	21	21	22	21	22	22	22	22	23	23	25	25	26	23.7

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	35	46	54	39	32	37	35	23	22	21	21	21	21	21	22	23	23	22	23	25	24	25	31	31	28
2	29	38	28	27	26	25	25	22	19	19	19	19	21	21	21	21	22	22	22	20	20	20	20	21	23
3	21	21	21	21	21	21	21	21	21	24	25	22	20	20	20	20	20	20	20	20	20	22	22	22	21
4	23	24	28	25	23	24	25	180	143	76	84	31	25	24	23	22	23	19	21	22	22	21	19	35	40
5	19	18	18	18	18	18	19	19	19	20	20	21	****	****	19	22	21	22	22	24	23	23	24	23	20
6	27	28	30	28	28	27	21	21	21	21	21	21	22	21	22	21	21	21	21	21	21	22	22	22	23
7	21	27	38	30	26	25	26	29	30	27	26	25	25	25	25	25	25	25	25	26	25	24	27	27	26
8	27	39	33	27	28	27	27	27	27	27	23	21	****	20	19	20	19	19	19	20	20	20	21	21	24
9	30	29	28	27	27	24	26	36	36	28	23	22	22	22	22	22	21	21	22	22	22	22	23	22	25
10	24	24	27	23	22	22	22	23	23	24	26	25	26	24	23	23	20	20	21	19	0	0	0	0	19
11	18	18	18	18	18	18	18	18	18	19	20	20	19	19	19	21	21	20	21	21	23	22	22	22	20
12	22	23	26	21	21	21	21	21	23	21	23	22	20	21	****	18	19	20	19	20	21	21	22	21	21
13	20	21	22	21	22	26	26	24	24	21	19	****	****	****	****	****	****	****	****	****	****	****	****	****	******
14												- OATA INVALIO -													
15	****	****	****	****	****	****	****	****	****	-	-	-	21	21	20	19	19	19	19	19	19	20	20	20	******
16	21	21	21	21	21	21	21	21	21	21	19	18	18	18	18	17	16	16	16	16	17	17	17	19	19
17	20	60	36	30	20	19	23	26	23	21	19	17	17	16	15	15	15	15	15	16	19	19	20	19	21
18	19	19	19	19	19	18	18	18	18	20	20	18	20	29	20	20	21	21	22	23	28	22	21	22	21
19	30	26	34	40	28	26	29	31	26	23	21	****	****	18	19	19	19	19	18	18	20	21	20	20	24
20	24	24	26	34	37	33	27	22	20	20	20	20	20	20	19	19	19	19	20	21	21	20	21	22	23
21	21	21	21	20	19	19	23	27	27	24	21	20	18	19	19	19	19	19	19	22	23	21	21	21	21
22	22	27	19	21	21	21	21	21	20	19	17	17	****	18	18	18	18	18	18	18	18	18	18	21	19
23	19	18	18	18	18	19	18	18	18	18	18	18	18	18	18	18	18	18	20	20	18	18	18	18	18
24	17	19	19	18	21	18	21	21	20	20	18	18	18	18	19	19	19	19	19	22	22	22	22	23	20
25	26	27	25	26	26	26	25	25	23	20	20	19	19	19	19	19	19	19	19	20	22	30	32	24	23
26	27	27	26	33	29	33	39	39	34	26	23	23	****	21	21	21	21	21	20	19	20	20	21	22	25
27	21	20	20	20	20	20	19	19	19	18	18	16	17	17	17	18	18	18	17	17	17	17	24	26	19
28	23	21	19	18	25	26	22	22	20	18	18	21	21	21	20	19	20	19	19	20	24	22	21	23	21
29	24	28	25	25	25	27	26	31	25	22	22	****	****	20	22	23	22	22	22	22	23	24	25	25	24
30	22	21	21	21	21	21	21	21	21	21	20	20	20	20	19	19	19	19	19	19	19	19	19	18	20
MEAN	23	26	26	25	24	24	24	30	27	24	23	21	20	20	20	20	20	20	20	20	20	20	21	22	22.5

PERCENTAGE OF OATA VALIO - 91.8 PERCENTAGE OF OATA INVALID - 7.8 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INOICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JUL 79

HOUR / OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	16	16	16	17	17	17	17	19	19	19	20	20	20	19	19	19	19	21	23	21	21	21	19
2	20	71	22	21	23	23	20	19	18	18	18	18	17	17	17	17	18	18	19	18	19	19	19	19	21
3	18	19	20	21	21	21	21	24	22	21	20	19	19	19	20	21	21	21	20	20	23	29	29	32	22
4	28	35	50	24	21	21	35	30	23	22	18	18	****	20	19	20	20	20	20	20	20	20	20	22	24
5	20	20	22	22	22	22	22	22	22	22	21	21	19	20	20	20	20	19	19	19	21	21	19	19	21
6	20	27	28	24	26	24	24	24	21	20	19	19	****	19	19	19	20	20	21	20	22	24	25	27	22
7	26	25	35	34	30	31	25	23	24	23	22	22	21	20	20	19	19	19	21	23	27	20	19	19	24
9	20	31	25	27	38	30	23	21	20	20	22	22	21	19	19	20	20	20	20	21	22	26	42	44	25
9	47	35	29	27	26	25	27	32	28	24	23	23	22	22	22	22	23	23	23	23	26	28	29	27	27
10	24	24	24	21	19	19	22	23	22	24	27	23	22	21	24	22	20	20	20	21	21	21	21	21	22
11	20	20	20	20	21	22	23	23	23	22	22	23	23	22	23	22	21	22	22	22	24	29	36	41	24
12	24	27	35	35	26	26	26	25	21	20	20	19	19	20	20	19	19	20	20	24	29	29	38	31	25
13	29	25	26	23	38	32	41	35	31	29	25	22	21	20	19	19	18	18	19	21	29	30	28	37	26
14	27	42	35	39	26	34	31	33	24	21	22	22	22	22	22	22	21	20	20	22	23	22	22	25	26
15	26	38	64	31	23	24	21	19	19	18	21	22	22	19	19	20	18	20	21	30	32	30	25	27	25
16	21	31	29	25	27	29	27	27	23	21	20	18	23	22	21	20	21	20	21	22	22	24	23	26	23
17	25	24	20	22	23	25	24	21	19	18	18	18	****	20	19	20	20	20	21	22	23	23	25	26	22
18	25	25	25	26	24	22	24	23	20	19	18	19	20	20	20	20	19	19	20	23	23	24	29	27	22
19	26	25	26	24	37	34	31	30	23	19	18	18	****	20	20	20	18	18	18	20	22	28	28	35	24
20	23	25	27	30	28	28	33	31	27	27	26	25	20	20	19	19	19	20	20	21	22	20	22	26	24
21	26	28	32	33	30	32	36	29	28	27	23	24	23	23	22	20	20	19	21	22	23	23	23	23	25
22	24	28	29	24	24	24	23	22	21	20	20	19	19	19	19	19	19	19	19	22	26	25	24	27	22
23	30	25	26	35	37	28	29	34	28	28	28	22	22	21	****	21	21	20	22	23	23	22	23	22	26
24	22	21	22	47	28	24	24	24	24	24	24	23	24	22	20	19	19	17	17	17	17	18	18	18	22
25	18	17	19	24	24	24	32	31	24	25	26	23	23	23	23	21	19	18	18	20	21	27	19	19	22
26	20	20	20	20	20	20	20	21	21	20	21	21	21	20	20	21	21	21	22	23	22	21	21	21	21
27	22	21	24	25	28	33	32	28	25	22	21	21	****	27	23	23	22	22	22	23	26	27	29	26	25
28	28	25	24	63	39	33	29	27	27	22	23	24	19	18	18	18	18	18	18	19	19	19	20	24	25
29	25	22	19	19	21	24	36	26	23	21	22	22	23	22	22	22	21	22	21	24	35	25	30	33	24
30	26	34	26	23	23	24	26	27	26	26	23	22	21	21	21	20	20	21	21	22	22	22	23	22	23
31	22	22	21	21	21	22	24	25	23	25	23	19	19	****	18	18	18	19	19	20	24	27	22	25	22
MEAN	24	27	27	27	26	26	27	26	23	22	22	21	21	21	20	20	20	20	20	22	24	24	25	26	23.3

PERCENTAGE OF OATA VALIO - 99.1 PERCENTAGE OF DATA INVALIO - 0.9 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "*****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	29	30	27	28	26	26	26	22	21	20	21	21	20	20	20	20	19	19	19	19	20	19	19	22
2	19	19	19	19	19	20	20	21	21	19	19	18	18	18	18	18	18	18	18	18	18	20	21	22	19
3	21	26	26	28	31	29	27	25	****	27	31	35	28	22	20	19	19	19	19	19	21	21	21	20	24
4	18	15	19	22	33	25	23	22	22	24	23	22	22	20	19	18	18	18	18	19	21	23	23	23	21
5	22	21	20	19	21	16	15	18	19	19	18	18	19	19	19	18	18	18	18	19	20	21	21	23	19
6	28	25	22	25	24	17	22	22	21	20	20	18	17	17	17	16	17	17	17	18	21	25	35	30	21
7	24	24	24	25	25	38	33	31	26	22	21	22	21	21	21	20	19	19	18	18	19	19	19	19	23
8	20	19	19	19	19	19	19	19	19	20	21	21	20	20	19	19	19	18	19	22	22	22	22	21	20
9	23	25	24	31	32	32	31	26	22	21	21	20	21	21	22	21	22	22	22	22	22	22	22	22	24
10	24	24	24	24	24	23	23	23	25	24	21	21	19	20	20	20	20	22	22	23	24	25	26	24	23
11	23	27	28	26	24	24	26	25	23	23	22	21	21	21	23	21	22	23	24	24	25	27	28	33	24
12	32	34	38	39	32	27	28	26	22	21	20	21	21	23	22	21	22	22	22	23	23	27	32	30	26
13	28	37	28	31	30	31	33	33	26	24	24	24	22	22	22	20	20	20	20	20	20	20	21	21	25
14	21	21	21	21	21	21	21	20	19	18	18	18	19	19	20	20	21	21	21	21	20	20	20	20	20
15	19	20	21	21	21	21	21	20	20	19	21	20	21	****	18	19	20	21	21	21	21	22	22	22	21
16	21	21	22	27	21	22	28	26	23	20	17	16	18	18	19	19	20	20	22	24	46	44	29	26	24
17	27	23	22	24	28	37	36	32	25	23	25	29	19	19	****	19	21	22	24	25	24	24	20	19	25
18	21	21	21	21	20	20	22	23	23	23	24	24	23	23	24	24	24	24	27	28	28	29	28	32	24
19	41	30	26	22	20	20	21	21	20	19	18	17	17	17	18	20	19	23	21	21	30	27	24	22	22
20	19	19	20	21	21	21	23	25	24	23	26	24	21	19	19	18	18	19	22	23	31	45	36	33	24
21	29	35	37	26	26	26	33	32	25	25	23	23	23	22	20	19	19	18	20	51	63	31	32	29	29
22	29	29	24	34	42	25	38	30	23	22	21	22	22	21	21	21	22	21	21	21	22	22	21	21	25
23	22	22	24	24	23	23	24	30	25	24	25	26	26	27	27	25	25	23	27	27	27	27	25	26	25
24	27	26	26	27	27	26	26	22	22	21	21	21	21	****	****	****	****	****	****	****	****	****	****	****	******
25												-	DATA	INVALIO	-										
26												-	OATA	INVALID	-										
27												-	DATA	INVALIO	-										
28												-	DATA	INVALIO	-										
29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	18	18	18	18	18	18	19	21	22	******
30	31	40	31	33	26	23	25	22	20	19	19	19	18	18	18	18	18	18	18	20	22	22	23	23	23
31	29	30	22	22	24	23	28	29	27	23	21	20	****	21	21	21	21	21	21	22	22	22	25	25	23
MEAN	25	25	25	25	25	24	26	25	23	22	22	22	21	20	20	20	20	20	21	23	25	25	24	24	23.0

PERCENTAGE OF OATA VALIO - 83.1 PERCENTAGE OF OATA INVALID - 16.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	32	27	27	29	32	32	29	27	25	27	26	22	22	21	21	21	21	22	22	21	22	23	22	25
2	23	24	21	21	22	23	22	22	22	21	20	20	20	20	20	19	19	18	18	18	19	19	20	21	21
3	21	21	21	21	21	19	19	18	18	17	17	17	19	19	19	19	20	21	22	24	23	22	24	32	21
4	32	35	37	32	31	33	35	28	27	24	23	23	22	23	22	22	22	23	23	23	23	24	26	34	27
5	30	34	35	32	39	43	46	32	28	23	23	22	21	21	21	23	23	21	24	24	27	78	62	51	33
6	45	39	46	35	28	42	35	32	27	23	22	18	17	17	18	17	20	17	18	19	19	19	19	20	26
7	20	20	20	20	22	21	22	22	22	22	20	22	24	22	22	21	21	21	22	20	20	21	23	25	21
8	25	24	24	25	23	24	25	23	22	22	20	20	19	19	19	19	19	21	20	25	27	34	24	22	23
9	24	30	23	22	22	22	28	30	25	21	20	21	22	22	21	21	20	19	19	21	21	22	21	21	22
10	20	21	21	21	22	22	23	24	22	20	19	19	19	20	20	22	22	22	23	23	25	30	28	29	22
11	30	28	30	24	50	25	28	29	25	23	21	20	****	22	22	22	22	24	25	30	28	33	31	32	27
12	36	38	35	26	33	36	42	46	23	23	23	22	22	21	21	22	23	24	22	23	24	23	23	23	27
13	30	27	27	28	28	30	29	27	23	23	23	22	21	22	22	24	23	24	25	24	22	22	21	21	25
14	19	21	21	22	22	23	24	28	26	21	21	21	20	****	19	20	20	21	21	22	22	22	22	22	22
15	21	21	21	21	21	21	21	21	22	21	21	19	18	18	18	19	19	19	19	20	20	21	21	22	20
16	21	21	22	22	25	24	23	24	23	21	20	20	21	20	19	19	19	20	20	20	21	21	22	21	21
17	21	21	21	23	22	22	25	28	23	21	20	20	19	19	19	20	18	19	20	20	20	21	21	21	21
18	21	21	21	21	21	22	23	22	22	21	20	20	21	19	19	19	20	20	20	20	20	20	20	20	21
19	21	22	23	21	21	21	22	22	25	22	21	21	21	****	20	20	20	20	27	28	25	23	24	23	22
20	23	24	42	25	30	27	29	28	27	25	23	20	18	18	18	19	19	19	19	19	19	20	20	20	23
21	20	20	21	21	21	22	23	23	23	22	21	20	****	****	22	22	20	20	26	26	25	23	22	27	22
22	27	28	23	26	25	26	27	23	21	19	18	18	17	17	18	20	20	21	22	21	21	24	28	29	22
23	31	37	39	32	38	33	25	26	23	21	20	19	19	19	19	19	20	20	22	29	49	35	28	30	27
24	29	27	24	25	28	28	29	40	32	20	19	19	19	19	19	21	21	21	21	21	22	24	26	29	24
25	33	26	23	25	25	22	25	25	24	23	23	21	****	21	19	17	16	17	18	19	20	21	22	21	22
26	19	19	20	18	18	19	24	25	22	19	18	16	14	14	19	23	22	24	29	30	32	32	34	39	23
27	33	30	32	39	40	34	34	37	38	33	37	32	30	26	24	22	23	24	31	35	37	39	34	32	32
28	31	36	36	35	36	36	52	41	31	31	24	25	****	23	25	25	23	23	28	31	30	25	29	25	30
29	46	34	31	28	27	38	36	31	27	22	23	22	20	20	21	21	21	22	22	23	23	28	27	26	27
30	41	45	34	29	30	30	27	25	24	24	23	24	24	23	23	23	22	25	27	28	29	27	28	34	28
MEAN	27	28	27	26	27	27	29	28	25	22	22	21	20	20	20	21	21	21	23	24	24	27	26	26	24.2

PERCENTAGE OF OATA VALID - 99.0 PERCENTAGE OF DATA INVALIO - 1.0 PERCENTAGE DF DATA UNAVAILABLE - D.O

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	34	38	32	28	25	29	36	34	30	25	23	21	22	24	25	24	22	22	23	74	57	44	38	39	32
2	33	59	39	30	32	25	25	28	35	23	24	22	23	22	21	21	21	21	21	21	22	21	21	20	26
3	20	20	20	20	21	22	22	25	25	24	24	25	23	22	21	21	20	19	19	18	19	19	19	20	21
4	19	19	19	20	20	21	24	31	23	22	23	24	24	29	28	26	25	24	27	26	27	37	32	21	25
5	32	37	24	21	26	22	22	23	22	21	20	20	****	17	17	18	21	40	38	21	19	19	19	18	23
6	17	18	18	19	19	19	19	20	20	19	21	19	21	19	19	19	20	20	20	21	19	19	19	19	19
7	19	19	19	19	18	17	17	17	18	18	18	18	18	18	18	18	18	18	19	18	18	18	18	18	18
8	20	19	18	18	18	18	18	18	18	18	19	19	19	18	18	18	19	20	21	21	21	21	20	20	19
9	19	19	19	21	21	20	19	20	20	20	21	20	20	20	20	20	21	23	24	19	20	21	24	25	21
10	38	37	38	39	27	24	28	37	30	26	26	22	****	18	17	17	16	16	17	18	19	20	23	26	25
11	24	21	20	21	28	54	42	34	23	22	22	20	17	16	15	15	16	16	17	17	18	18	17	17	22
12	17	17	17	18	18	18	19	20	19	18	18	17	17	18	17	18	18	19	20	21	19	19	19	19	18
13	19	20	20	20	20	21	21	21	21	21	20	20	19	22	22	21	21	21	21	24	24	22	23	23	21
14	23	24	24	24	23	23	24	25	23	23	22	21	21	20	20	20	20	20	20	21	21	21	22	22	22
15	22	22	22	22	22	22	23	23	23	23	22	21	20	19	19	18	18	19	21	21	22	25	25	33	22
16	41	23	23	23	23	23	25	26	25	23	21	20	20	19	19	19	20	21	22	23	26	32	45	32	25
17	30	35	38	40	37	41	40	42	41	42	41	47	50	42	38	34	30	31	35	40	30	41	42	33	38
18	39	27	26	28	21	23	24	34	31	23	23	22	22	22	22	22	22	23	24	27	26	40	34	26	26
19	23	23	24	24	23	22	23	23	23	23	24	23	24	****	26	27	27	28	28	27	23	21	20	20	24
20	20	21	26	21	20	20	20	20	20	19	18	19	18	19	19	19	20	21	22	24	24	23	22	20	21
21	18	19	20	21	21	22	19	18	18	17	17	16	15	15	15	15	15	15	15	16	16	17	17	27	18
22	22	19	21	23	24	27	31	37	36	32	27	24	20	19	17	17	19	22	22	25	26	26	27	26	25
23	24	22	22	23	23	23	20	23	25	21	19	19	****	19	19	19	19	19	20	20	21	21	22	22	21
24	21	21	21	21	21	22	22	22	22	22	22	22	22	21	25	23	20	20	19	19	20	20	20	20	21
25	21	21	21	21	21	21	22	22	22	22	21	22	25	22	21	21	23	24	26	24	25	29	29	28	23
26	32	28	29	34	26	23	26	31	29	28	28	24	24	****	19	17	17	21	17	17	17	17	17	17	23
27	18	17	17	17	17	18	19	21	19	17	17	17	17	17	18	17	17	17	18	18	17	16	17	17	18
28	17	17	17	17	17	17	18	18	18	17	17	17	17	16	16	16	16	16	16	16	16	16	17	16	17
29	16	16	16	16	16	17	18	18	19	19	17	19	19	21	19	21	22	21	20	18	18	21	20	21	19
30	21	20	20	19	18	18	18	20	19	18	18	18	18	****	19	18	18	19	20	19	19	18	18	18	19
31	18	18	18	18	18	18	19	22	22	21	21	20	20	19	19	21	21	21	24	27	23	23	23	24	21
MEAN	24	24	23	23	22	23	23	25	24	22	22	21	21	20	20	20	20	21	22	23	22	23	24	23	22.3

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	23	22	21	21	22	23	26	26	24	23	23	24	23	24	29	30	27	25	20	18	18	19	19	23
2	19	19	19	19	19	18	19	20	21	19	19	18	18	18	****	17	17	18	18	18	19	23	23	21	19
3	20	22	20	23	25	22	24	24	22	20	19	17	17	16	16	16	16	17	18	20	19	18	18	19	20
4	19	19	20	19	19	20	19	19	19	18	18	18	18	18	18	18	19	20	22	24	26	27	28	24	20
5	27	33	84	27	25	30	27	32	41	38	23	20	20	19	19	19	21	22	21	20	20	21	26	26	28
6	45	33	32	35	42	30	36	37	39	44	40	37	29	****	31	26	26	29	32	55	59	65	62	37	39
7	31	25	22	21	19	17	17	18	18	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	19
8	19	19	19	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19	20	20	21	21	19
9	22	22	22	50	70	31	37	45	52	42	28	21	19	19	****	22	22	20	20	20	19	18	19	20	29
10	20	18	18	18	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19	18	23	21	19
11	23	22	22	28	21	21	22	25	21	21	20	20	19	19	18	19	19	19	19	19	19	19	19	21	21
12	21	20	19	19	21	27	29	26	21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
13													- DATA INVALID -												
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	24	25	21	20	19	17	18	19	19	18	******
15	18	20	19	18	18	18	19	21	21	21	20	20	20	19	18	18	18	19	19	19	18	18	20	18	19
16	18	19	19	18	18	22	20	19	18	18	17	17	16	****	17	17	17	17	17	17	17	17	17	17	18
17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	19	24	22	24	22	22	27	19
18	25	25	28	31	30	32	28	25	25	34	31	25	22	21	19	20	20	20	20	21	19	19	19	18	24
19	18	18	18	17	17	17	18	19	20	21	21	23	22	21	23	25	24	22	22	24	26	25	26	26	21
20	25	22	22	23	24	24	26	24	20	20	20	19	19	****	19	19	20	20	21	21	20	20	21	22	21
21	22	22	21	19	19	19	20	21	21	20	20	19	19	20	20	21	21	21	21	20	21	21	21	21	20
22	21	23	22	21	22	23	24	28	31	31	32	25	20	19	21	25	31	27	22	21	20	20	20	20	24
23	20	19	19	24	25	23	24	24	24	26	25	24	25	23	****	19	26	30	23	20	29	30	29	31	24
24	30	25	22	20	19	19	19	19	19	19	19	19	19	19	19	19	20	21	20	20	20	22	24	25	21
25	26	37	58	54	35	29	29	38	53	47	34	25	22	21	20	20	20	20	20	20	19	19	19	19	29
26	19	19	19	19	19	19	20	21	21	20	19	18	18	18	17	17	18	18	17	17	18	18	18	18	19
27	18	18	19	19	19	20	20	21	21	21	21	21	21	****	17	17	18	18	20	48	34	22	22	22	22
28	22	24	25	21	22	20	19	18	18	19	17	17	17	17	18	18	18	18	18	18	18	18	18	18	19
29	18	18	18	18	18	18	18	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
30	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19	19	19	19	19	19	19	20	18
MEAN	22	22	24	23	24	22	22	24	24	24	22	20	20	19	19	20	20	20	20	22	22	22	22	22	21.8

PERCENTAGE OF DATA VALID - 91.7 PERCENTAGE OF DATA INVALID - 8.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCRESTROAD, ETOBICOKE MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	20	20	20	20	20	20	20	20	21	22	22	23	23	21	21	21	21	21	21	21	20	20	21
2	20	21	22	22	21	21	22	24	24	24	23	22	20	20	21	24	24	24	22	23	22	22	23	22	22
3	22	23	23	22	22	22	22	22	22	21	21	20	20	19	19	19	19	21	20	20	20	20	20	20	21
4	20	20	20	20	20	20	20	21	21	21	20	20	19	****	19	18	19	19	19	18	19	19	19	19	20
5	20	21	21	22	22	19	20	22	22	20	19	18	18	18	18	18	19	19	19	19	18	19	19	19	20
6	19	19	19	19	19	19	21	22	23	21	20	19	19	18	18	18	18	19	18	18	18	18	18	19	19
7	18	18	19	19	19	19	20	21	23	23	19	18	18	****	19	19	18	18	18	17	17	17	17	17	19
8	17	18	17	17	17	17	17	19	19	19	19	19	19	19	19	19	20	20	20	19	19	19	19	19	19
9	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
10	22	20	20	20	20	20	19	21	30	26	22	21	21	21	21	21	22	21	22	22	22	23	23	20	22
11	21	20	19	19	19	19	19	19	19	19	19	19	19	****	19	19	19	19	19	19	19	20	20	20	19
12	20	20	20	20	20	20	18	21	19	19	18	18	18	18	18	18	19	19	20	20	20	21	21	21	19
13	20	22	21	19	19	19	19	20	21	21	20	20	19	19	19	20	21	21	21	21	20	19	18	18	20
14	19	18	18	18	18	18	19	20	21	20	20	20	19	****	****	18	18	18	18	18	18	18	18	18	19
15	18	20	19	18	19	19	19	21	22	22	20	19	19	19	19	18	18	18	19	19	19	20	20	20	19
16	19	19	19	19	18	18	18	18	18	18	18	18	18	18	19	18	18	19	19	19	19	19	19	21	19
17	20	21	20	19	19	20	24	25	25	23	19	18	17	17	17	17	17	18	18	18	18	18	18	18	19
18	18	17	17	17	17	18	19	19	19	21	23	22	22	****	24	21	26	25	24	22	22	22	20	18	21
19	18	18	18	19	19	20	21	21	21	20	19	19	19	19	19	20	20	21	21	21	21	20	20	20	20
20	20	20	20	20	19	20	21	22	22	21	22	23	23	24	****	22	24	26	35	44	50	34	30	27	26
21	30	27	26	25	26	30	37	35	42	45	36	37	27	19	17	18	20	20	20	21	21	22	22	21	27
22	18	19	17	17	17	18	18	18	18	19	20	20	19	18	19	20	21	23	23	24	23	23	22	21	20
23	21	21	21	19	19	19	21	22	22	23	22	21	19	19	18	18	17	16	16	16	16	16	21	30	20
24	22	20	22	27	25	24	24	24	19	18	17	19	18	17	17	17	17	17	17	17	17	17	18	18	20
25	17	17	17	16	15	15	15	15	15	15	16	17	17	19	17	16	16	16	16	17	17	17	17	17	16
26	16	17	16	17	17	17	16	17	16	16	16	19	16	16	17	18	17	16	16	17	17	17	16	16	17
27	16	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	17	17	17	16	17	20	16
28	16	15	15	15	15	16	17	18	17	18	16	16	15	****	17	18	18	19	19	19	19	19	19	18	17
29	18	19	19	19	19	18	18	18	19	19	19	19	19	19	19	19	19	19	20	19	19	19	19	19	19
30	19	19	19	19	19	19	18	18	19	19	21	25	23	21	21	23	25	34	22	22	28	30	22	21	22
31	22	26	23	23	22	20	19	22	25	****	18	18	18	19	19	18	18	19	19	21	20	21	21	22	21
MEAN	20	20	19	19	19	19	20	21	21	21	20	20	19	19	19	19	19	20	20	20	20	20	20	20	19.8

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCRESTROAD, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	24.1	37	84
FEB	26	23.1	31	105
MAR	29	24.6	48	129
APR	27	22.5	33	108
MAY	31	23.7	30	68
JUN	27	22.5	40	180
JUL	31	23.3	27	71
AUG	25	23.0	29	63
SEP	30	24.2	33	78
OCT	31	22.3	38	74
NOV	27	21.8	39	84
DEC	31	19.8	27	50
YEAR	346	22.9	48	180

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	0	46	624	63	2	0	0	0	735
FEB	33	69	484	53	2	2	0	0	643
MAR	0	195	437	73	5	9	0	0	719
APR	0	180	423	47	1	1	0	0	652
MAY	0	116	539	77	2	0	0	0	734
JUN	4	194	427	32	2	0	2	0	661
JUL	0	141	533	60	3	0	0	0	737
AUG	0	139	429	49	1	0	0	0	618
SEP	0	102	516	93	2	0	0	0	713
OCT	0	267	403	67	1	0	0	0	738
NOV	0	329	281	46	4	0	0	0	660
DEC	0	428	296	11	0	0	0	0	735
YEAR	37	2206	5392	671	25	12	2	0	8345

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
95.3	0	17.5	19.3	20.8	22.8	28.8	34.1	40.8	48.9	180	22.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	16	16	13	15	18	18	17	17	17	16	15	14	14	15	15	14	13	13	12	12	13	13	13	15
2	12	12	12	11	11	12	12	13	14	14	****	21	24	19	17	16	16	16	16	14	-	-	-	14	15
3	13	13	13	13	13	13	13	14	15	15	15	****	15	15	15	15	15	16	14	13	13	13	13	13	14
4	12	12	12	13	13	13	13	14	16	15	14	13	14	14	14	14	15	14	14	14	13	13	13	13	14
5	13	13	13	13	13	12	13	14	15	14	14	14	14	15	14	15	16	16	15	15	15	15	****	15	14
6	16	16	16	16	15	15	15	17	16	15	14	14	14	13	13	13	13	13	13	13	13	14	13	14	14
7	14	14	14	14	15	14	15	15	15	15	15	15	****	15	15	17	18	18	17	15	15	14	14	14	15
8	14	14	14	15	14	16	17	19	20	18	16	15	15	****	15	15	16	16	16	14	14	14	13	13	15
9	13	13	13	13	13	12	13	13	14	13	13	14	14	15	15	15	16	17	15	15	15	15	15	16	14
10	15	16	16	15	15	15	15	17	17	17	15	15	15	****	15	15	16	16	15	16	16	14	****	15	16
11	15	14	15	15	18	18	23	28	30	24	16	15	14	15	15	16	16	20	19	-	-	18	18	18	18
12	24	25	22	20	22	22	21	23	27	22	****	16	15	16	17	18	19	18	-	-	18	17	26	33	21
13	31	27	24	22	21	18	15	16	17	17	16	16	16	16	16	15	15	15	14	15	15	14	14	15	18
14	16	16	17	17	17	19	19	18	18	15	14	13	13	14	13	13	14	14	14	14	14	14	14	14	15
15	13	13	13	13	13	14	14	16	16	15	15	****	15	15	16	23	19	18	15	15	14	14	14	14	15
16	14	14	14	14	15	15	16	19	20	19	17	16	16	16	16	17	18	20	20	18	17	18	20	19	17
17	21	23	24	30	29	17	16	17	17	16	17	17	****	32	29	27	28	31	31	22	20	18	18	17	22
18	17	17	15	15	15	15	15	16	17	16	-	-	13	14	15	15	16	17	16	16	16	16	16	16	16
19	18	18	17	16	18	18	21	25	31	31	34	34	-	27	21	17	17	17	20	20	18	14	14	14	21
20	14	14	15	15	16	15	16	17	18	17	18	18	18	18	19	18	18	17	18	19	20	20	18	17	17
21	16	15	15	15	15	15	15	15	15	15	15	****	****	****	****	****	****	****	****	****	****	****	****	****	******
22												- OATA INVALID -													
23	****	****	****	****	****	****	****	****	****	****	****	****	20	16	17	15	14	14	13	13	13	13	13	13	******
24	12	12	12	12	12	12	13	13	13	-	14	13	13	14	15	14	15	14	12	12	11	12	11	11	13
25	11	11	12	15	14	13	13	16	17	17	16	17	15	14	14	35	18	17	16	16	17	19	17	16	16
26	16	16	15	15	15	15	15	17	18	17	21	21	19	17	17	17	18	17	17	18	17	17	17	17	17
27	16	16	16	15	16	16	16	17	17	18	18	****	18	19	19	20	22	21	21	20	19	20	19	20	18
28	21	21	20	17	18	16	16	15	15	15	15	14	14	15	14	14	14	14	14	14	14	14	14	14	16
29	14	14	13	13	13	13	15	16	17	16	16	16	16	16	16	16	17	16	16	15	15	15	15	15	15
30	14	14	14	14	14	14	15	17	18	16	15	28	20	18	17	17	17	-	17	16	15	15	15	14	16
31	14	15	14	14	14	15	16	18	18	15	15	16	16	16	15	15	16	15	15	15	15	16	15	15	15
MEAN	16	16	15	15	16	15	16	17	18	17	16	17	16	17	16	17	17	17	16	16	15	15	15	16	16.1

PERCENTAGE OF DATA VALID - 90.3 PERCENTAGE OF DATA INVALID - 7.9 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	14	14	14	15	17	18	16	17	16	15	16	16	15	16	16	15	15	15	15	15	14	15
2	13	12	12	13	12	12	14	15	18	16	27	14	14	20	15	15	17	18	18	18	18	16	19	22	16
3	24	21	21	20	21	25	29	28	21	24	21	18	17	16	29	24	21	19	19	19	18	18	18	18	21
4	18	18	18	18	17	18	17	18	17	16	16	17	16	15	14	14	14	14	15	14	14	14	14	14	16
5	14	13	13	13	13	13	14	16	17	16	15	15	15	15	15	16	-	16	16	17	15	16	15	16	15
6	16	15	14	15	15	16	18	23	25	24	26	24	18	17	18	18	19	17	16	16	15	16	17	16	18
7	16	16	17	17	17	18	17	18	17	17	16	16	15	12	15	15	15	15	15	16	18	20	18	18	16
8	17	18	17	15	15	14	16	18	****	17	17	16	15	25	13	14	15	15	14	14	14	13	13	13	16
9	14	14	13	14	13	13	14	15	16	15	14	14	14	13	13	14	15	15	16	16	16	16	16	15	15
10	15	15	15	15	15	16	19	17	17	17	17	15	14	13	13	13	13	13	13	13	13	13	13	13	15
11	13	15	13	13	14	14	14	14	14	13	14	14	14	****	14	13	13	13	14	16	17	18	18	20	15
12	20	19	19	19	19	21	21	23	29	23	24	21	17	15	14	16	16	17	17	16	15	14	14	14	18
13	13	13	12	13	13	12	13	15	16	15	****	14	14	14	14	14	14	15	****	15	14	14	14	14	14
14	14	14	14	16	15	14	15	16	18	18	18	18	18	18	18	18	16	14	13	13	13	16	17	15	16
15	14	14	14	13	13	13	14	16	17	16	15	15	14	14	15	14	13	13	-	12	12	13	13	13	14
16	13	13	12	12	12	12	13	17	21	16	15	****	****	14	14	14	15	15	14	14	14	-	14	13	14
17	13	13	13	13	13	13	13	14	13	14	14	14	14	14	14	14	14	14	15	15	14	15	15	15	14
18	16	17	17	17	17	17	18	18	14	13	13	13	13	13	13	13	12	12	13	12	-	12	13	****	14
19	13	13	****	14	19	19	18	22	23	20	19	****	21	19	20	22	21	21	23	23	21	20	19	20	20
20	20	20	20	21	20	20	20	22	23	23	25	25	24	24	23	23	26	28	27	23	25	26	28	29	24
21	24	24	24	23	23	23	25	30	28	26	27	26	25	28	26	18	19	19	18	18	18	18	17	17	23
22	17	17	17	16	16	16	18	19	20	20	19	****	****	17	17	17	19	17	17	16	16	15	15	15	17
23	15	14	14	14	14	15	15	16	****	****	16	****	****	22	23	23	26	21	23	20	23	26	30	32	20
24	32	27	20	19	19	19	21	21	20	19	17	17	17	17	17	17	16	17	16	16	15	15	15	15	19
25	14	14	14	14	14	14	13	13	13	14	14	14	14	15	15	15	15	15	15	15	14	14	14	14	14
26	13	13	13	13	13	13	13	****	18	17	16	15	15	16	16	17	17	****	16	15	14	13	13	13	15
27	13	13	14	14	14	14	14	15	17	16	15	15	16	16	15	14	15	17	17	18	17	18	17	20	16
28	20	19	36	21	22	26	22	23	28	26	****	30	32	32	28	30	32	34	35	37	38	40	36	38	30
MEAN	16	16	16	16	16	16	17	18	19	18	18	17	17	17	17	17	17	17	17	17	17	17	17	18	17.0

PERCENTAGE OF DATA VALID - 96.7 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	37	36	38	****	31	32	31	33	35	34	33	33	34	35	35	38	29	30	31	28	27	26	28	25	32
2	23	22	21	21	21	21	22	24	27	29	26	13	20	21	20	21	24	-	****	22	20	20	21	21	22
3	20	19	19	18	18	18	19	20	20	20	21	21	22	21	21	22	23	24	23	22	21	21	21	21	21
4	20	20	19	19	19	18	19	19	19	19	19	21	****	18	19	19	20	20	20	21	19	22	22	23	20
5	19	19	20	21	20	20	21	23	27	21	19	19	20	20	21	22	23	22	21	23	22	23	24	22	21
6	21	21	19	19	18	19	21	25	23	20	21	17	20	20	20	22	21	19	18	18	18	18	18	18	20
7	-	****	20	28	23	26	29	29	25	22	21	20	18	20	17	19	19	21	21	22	22	20	21	35	23
8	32	32	36	29	25	25	31	34	33	27	25	****	19	23	21	26	25	23	22	23	21	21	21	20	26
9	19	19	19	19	20	22	24	37	31	30	26	21	19	23	23	23	22	22	21	21	21	20	19	20	23
10	22	22	23	21	20	19	19	19	19	20	21	20	18	18	18	18	17	18	18	19	17	16	16	16	19
11	16	16	16	16	15	15	16	16	15	15	16	15	16	16	15	15	16	16	16	16	16	16	16	16	16
12	16	16	16	16	15	15	16	18	17	17	16	17	16	****	17	18	18	18	17	18	18	18	-	20	17
13	19	19	17	17	16	16	16	17	17	17	18	18	28	31	22	22	24	20	16	17	17	19	19	19	19
14	19	17	16	17	16	18	18	18	19	20	16	14	15	14	16	15	16	16	16	15	14	14	14	14	16
15	15	14	14	13	14	14	14	15	16	15	14	15	15	16	16	15	16	16	16	16	17	16	15	16	15
16	16	16	16	15	15	-	16	17	17	17	17	23	20	20	21	21	21	22	23	22	24	26	25	24	20
17	24	22	22	23	24	23	25	35	27	23	22	20	20	18	20	21	20	20	22	21	20	21	24	27	23
18	26	28	28	24	25	27	27	25	22	24	****	21	23	22	22	21	22	23	23	24	27	24	21	21	24
19	21	21	21	21	25	28	36	36	25	23	21	****	****	****	21	23	24	22	25	28	31	30	38	39	27
20	41	43	39	35	34	36	33	38	37	****	****	19	25	24	24	23	23	-	****	****	32	****	30	29	31
21	26	24	24	****	28	34	31	41	39	33	26	****	22	22	24	23	23	28	34	46	39	47	54	62	33
22	41	37	36	47	36	30	29	32	35	33	33	32	29	28	****	22	25	25	26	34	34	26	28	49	32
23	37	45	35	43	50	48	53	53	35	31	29	27	26	25	25	30	33	28	25	24	28	23	20	21	33
24	25	25	25	25	23	21	21	22	21	34	70	50	38	40	50	39	28	27	27	27	28	38	40	35	32
25	29	26	24	24	22	21	21	21	22	22	21	21	20	20	19	20	19	19	20	21	20	20	21	20	21
26	20	21	20	19	18	18	18	19	20	20	****	19	19	19	18	19	20	19	18	18	17	18	18	18	19
27	18	19	17	18	17	17	18	19	20	19	19	19	20	21	21	21	22	21	21	21	19	21	19	20	19
28	22	20	23	21	24	25	28	28	21	19	18	19	19	22	30	17	17	18	17	17	16	15	16	17	20
29	16	18	19	19	19	23	35	29	31	33	27	43	24	24	24	24	24	25	21	26	24	25	22	22	25
30	24	21	18	16	16	18	19	24	-	26	22	-	-	-	23	27	30	26	20	31	35	31	23	23	24
31	20	20	17	23	22	21	26	30	39	22	19	18	17	16	17	17	17	18	17	17	16	16	16	17	20
MEAN	23	23	22	22	22	23	24	26	25	24	23	22	22	22	22	22	22	22	21	23	23	22	23	24	22.9

PERCENTAGE OF DATA VALID - 96.2 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	16	15	15	15	15	15	15	****	17	19	21	20	20	19	19	19	19	18	18	18	18	18	17
2	17	17	17	17	17	17	18	22	27	27	29	****	31	27	22	21	26	26	22	22	22	21	22	19	22
3	19	20	18	19	20	19	20	21	21	****	29	15	15	15	16	16	19	17	17	18	19	18	22	24	19
4	23	23	23	25	24	21	24	27	21	18	18	17	16	15	15	15	16	****	****	****	****	****	****	****	20
5	****	****	****	****	****	****	****	****	-	-	****	16	16	17	19	18	20	20	17	17	16	15	14	14	******
6	14	13	12	12	12	12	12	13	13	14	13	12	14	14	14	15	15	15	15	15	15	15	15	16	14
7	16	16	17	16	15	15	15	15	16	16	16	16	17	17	18	17	17	17	17	17	17	16	17	18	16
8	18	17	18	17	18	17	18	18	18	16	16	16	16	16	16	17	18	18	17	18	17	17	17	16	17
9	15	16	15	14	14	15	15	16	18	19	18	19	18	17	17	18	18	19	20	20	23	25	24	21	18
10	17	17	16	15	16	15	17	17	19	****	15	14	14	14	15	15	17	18	17	18	18	17	19	20	17
11	19	22	22	20	23	22	23	21	18	17	16	16	16	17	18	16	17	18	18	18	18	17	17	17	19
12	16	16	16	15	15	15	15	15	15	15	14	14	18	18	17	18	19	17	18	18	16	15	15	15	16
13	15	14	14	14	14	14	13	13	13	****	19	17	16	15	15	15	16	17	16	15	15	15	14	14	15
14	15	15	14	14	14	14	15	16	16	17	17	16	16	15	16	15	16	17	17	21	23	23	24	19	17
15	19	17	15	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	14	14	14	14	14	14
16	14	14	14	14	14	14	15	18	15	15	15	14	14	****	26	27	20	****	17	16	****	16	16	17	16
17	17	17	16	16	17	17	18	18	18	17	16	16	15	-	-	16	17	-	17	16	****	****	17	17	17
18	18	18	17	17	17	17	17	17	17	17	16	****	-	-	16	17	17	16	16	17	16	16	17	18	17
19	17	17	17	17	17	19	23	23	20	17	16	17	16	18	16	16	17	16	17	19	21	20	19	19	18
20	19	19	20	23	21	21	24	34	27	25	26	19	20	22	19	17	18	17	23	25	25	25	30	32	23
21	32	33	37	37	29	23	24	22	23	23	20	18	18	17	16	17	17	16	18	21	21	26	21	21	23
22	25	30	31	32	24	19	19	18	17	17	15	15	15	15	15	15	16	16	17	24	28	25	20	19	20
23	19	20	20	21	22	25	29	29	26	25	27	20	19	19	17	17	18	16	17	21	24	25	24	33	22
24	39	46	44	30	23	30	31	33	31	22	22	41	18	18	17	19	20	19	18	18	18	17	18	18	25
25	23	28	26	27	19	****	17	20	28	28	26	23	21	22	19	18	19	19	18	21	19	18	21	25	22
26	21	20	20	21	20	20	21	23	23	19	17	18	17	19	18	21	23	21	19	18	17	16	16	15	19
27	16	16	19	15	15	15	16	17	17	17	17	19	18	19	17	18	19	19	19	18	17	16	15	15	17
28	15	15	16	16	16	16	17	17	17	18	16	18	19	19	16	16	16	17	17	17	20	25	25	25	18
29	17	16	15	15	14	16	15	15	14	14	15	15	14	14	14	14	15	15	****	21	22	23	21	19	16
30	19	19	22	18	18	20	21	21	19	20	****	****	20	19	19	18	17	17	17	18	19	19	18	18	19
MEAN	19	20	20	19	18	18	19	20	19	19	18	18	17	17	17	17	18	18	18	19	19	19	19	19	18.4

PERCENTAGE OF DATA VALID - 94 7 PERCENTAGE OF DATA INVALID - 4.3 PERCENTAGE OF DATA UNAVAILABLE - 1 0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2 "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	16	17	17	17	18	18	17	17	22	23	21	20	20	20	19	18	17	19	20	19	20	21	19
2	20	20	20	21	20	24	25	24	23	20	18	17	16	17	16	16	16	16	17	17	16	16	18	19	19
3	19	18	17	17	17	18	20	20	23	24	35	13	12	13	15	19	19	21	10	6	5	5	5	5	16
4	5	5	5	5	5	6	10	7	6	6	6	6	6	6	8	7	-	6	6	6	5	5	5	5	6
5	5	5	4	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	8	6	5	5	5	6	5
6	6	6	5	5	5	5	5	5	5	6	11	14	14	15	15	15	15	15	15	15	15	14	14	15	11
7	15	15	14	14	15	15	16	16	15	14	15	15	15	15	14	15	13	13	13	13	14	14	13	13	14
8	13	14	18	23	15	18	22	20	****	22	20	20	18	19	13	20	20	20	21	20	19	19	21	21	1[illegible]
9	31	31	35	39	26	24	25	24	27	27	22	20	19	22	18	19	17	16	15	15	16	20	21	26	23
10	31	33	34	33	54	45	53	38	27	24	20	21	24	24	20	21	22	24	27	20	21	19	19	19	28
11	19	17	20	16	17	22	28	25	21	20	21	19	20	23	20	19	17	17	17	18	19	19	20	30	20
12	27	24	25	27	34	26	26	33	23	20	18	17	22	19	18	17	17	17	16	16	16	16	17	16	21
13	16	16	15	15	15	16	16	15	15	15	15	15	15	15	15	15	15	15	16	16	18	20	22	19	16
14	19	19	19	24	23	31	32	28	26	24	20	19	19	17	17	17	19	19	19	20	24	25	27	21	22
15	21	29	24	19	19	19	23	25	23	32	25	21	23	****	19	20	21	20	19	19	18	18	18	17	21
16	17	16	16	16	16	18	20	19	17	16	16	17	17	16	16	16	17	17	18	17	19	21	22	22	18
17	-	23	28	****	31	32	50	28	27	26	21	20	18	16	17	17	16	14	****	****	****	****	****	****	24
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	22	21	19	18	18	20	23	28	31	30	******
19	27	28	22	22	30	37	28	21	19	17	17	****	****	****	****	****	****	****	****	****	****	****	****	****	******
20													- DATA INVALID -												
21													- DATA INVALID -												
22	****	****	****	****	****	****	****	****	****	35	34	31	30	29	30	31	28	28	29	34	33	36	32	****	******
23	32	35	36	38	47	52	50	51	39	34	31	31	23	15	21	21	19	19	20	25	19	18	22	21	30
24	24	23	25	23	23	22	20	20	19	17	15	14	14	15	15	15	15	15	16	19	19	22	23	16	19
25	14	14	14	15	-	****	****	****	****	****	24	25	22	20	18	19	19	18	16	16	16	16	17	15	18
26	15	14	14	15	15	15	16	15	14	14	14	14	14	14	14	13	13	15	15	15	15	18	16	16	15
27	17	17	17	16	14	16	15	14	14	14	14	12	12	15	17	16	14	14	16	17	17	16	16	16	15
28	21	21	23	20	19	22	21	23	21	19	15	15	14	14	16	18	18	17	21	24	22	19	20	21	19
29	23	26	30	24	29	24	24	25	26	31	****	****	22	20	19	21	20	20	21	19	21	27	24	25	24
30	31	32	24	27	28	39	30	26	26	23	23	23	21	17	17	19	17	17	17	21	27	29	31	38	25
31	43	34	28	47	58	47	47	38	38	31	26	21	20	18	19	18	18	18	18	20	28	33	29	26	30
MEAN	20	20	20	21	23	24	25	22	21	20	19	18	18	17	17	17	17	17	17	18	18	19	20	19	19 5

PERCENTAGE OF DATA VALID - 86.0 PERCENTAGE OF DATA INVALID - 13.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	29	33	37	51	36	24	22	20	21	23	****	-	-	16	17	17	18	18	19	18	23	28	30	25
2	33	38	29	25	23	22	22	20	19	18	19	18	18	16	16	16	18	18	18	25	32	31	25	22	23
3	20	22	21	21	21	24	22	22	19	19	18	18	17	17	17	16	17	18	19	18	21	24	27	28	20
4	30	31	25	26	30	28	31	30	24	23	****	20	21	19	18	17	16	19	19	26	28	23	19	21	24
5	20	19	23	22	23	28	26	23	20	22	21	-	21	19	18	20	19	19	19	20	20	22	22	21	21
6	23	22	25	19	17	18	19	19	16	15	15	15	14	15	15	16	17	18	19	17	17	18	19	19	18
7	20	20	21	21	22	25	25	24	23	22	22	20	20	21	21	22	20	22	21	22	25	28	35	51	24
8	37	26	26	26	24	24	27	29	30	21	24	25	23	20	17	18	20	22	26	27	20	22	22	26	24
9	22	26	29	34	40	34	29	31	27	20	19	****	18	19	18	18	17	17	16	17	18	19	19	20	23
10	20	20	20	19	19	19	19	20	19	19	18	17	17	16	15	15	15	14	14	16	18	18	16	16	17
11	16	16	17	16	17	17	18	17	17	19	16	15	15	16	16	18	17	-	-	16	17	19	19	18	17
12	18	18	17	17	18	20	21	19	17	16	16	16	16	17	17	18	18	17	****	18	19	19	18	18	18
13	19	19	19	20	19	22	24	21	19	17	17	16	17	16	17	17	18	17	17	18	24	30	36	26	20
14	31	26	40	29	****	29	****	****	24	****	20	21	20	17	17	17	16	17	17	29	29	26	27	28	24
15	29	29	25	29	22	23	29	25	22	22	****	****	31	40	44	45	48	49	49	48	47	45	44	44	36
16	42	42	42	41	41	42	45	119	135	51	57	62	69	75	72	64	60	58	57	57	53	53	52	51	60
17	51	67	69	59	51	57	51	49	49	53	52	53	54	52	50	50	48	48	52	56	56	54	50	47	53
18	43	40	36	38	54	53	51	99	95	****	****	20	19	2	18	2	2	1	1	22	41	32	20	18	32
19	20	19	23	21	18	22	24	21	22	9	26	17	17	18	19	19	17	17	16	16	17	17	16	17	19
20	17	17	19	23	27	24	****	18	18	18	17	17	18	18	18	18	17	17	19	18	16	16	17	21	19
21	21	19	17	16	16	17	20	21	20	19	19	20	19	19	18	18	18	17	16	18	17	17	20	19	18
22	23	24	20	19	18	18	22	26	23	22	20	18	****	21	23	26	-	27	28	29	39	72	95	97	32
23	96	94	89	88	87	85	83	82	81	81	81	81	82	87	89	87	85	81	78	76	75	74	73	71	83
24	70	69	****	69	68	67	68	****	66	65	67	72	76	81	87	90	89	88	87	86	80	73	68	62	75
25	59	56	55	54	53	51	50	51	53	48	29	26	24	21	20	20	-	19	19	19	24	****	35	37	37
26	56	57	54	47	67	47	38	39	26	24	24	20	23	24	****	25	23	24	28	30	28	32	32	27	35
27	31	26	25	24	31	27	31	34	29	25	25	23	24	28	32	34	39	33	33	37	38	39	42	48	32
28	46	46	48	41	41	46	49	49	56	59	****	51	41	38	35	32	30	29	29	28	30	28	31	33	40
29	36	34	43	34	33	32	34	34	****	37	34	30	26	24	23	23	27	22	23	27	30	30	33	-	30
30	21	22	23	22	22	25	25	25	23	23	21	21	22	23	20	-	19	18	19	20	19	17	16	17	21
MEAN	33	33	32	32	34	33	33	35	35	29	28	28	28	28	28	28	27	27	28	29	31	32	33	33	30.6

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	18	16	16	17	16	16	15	15	15	17	16	16	18	18	17	17	18	18	18	19	18	16	17
2	17	20	22	24	22	20	18	17	17	16	16	15	16	15	16	16	15	16	15	16	16	16	16	16	17
3	16	16	16	17	16	18	19	20	19	****	****	16	16	16	17	17	18	16	17	17	20	20	18	18	17
4	19	24	33	19	20	21	23	23	20	17	16	16	19	18	17	18	18	16	16	16	15	15	16	16	19
5	16	16	15	15	16	18	18	18	17	19	19	****	17	18	17	17	17	16	15	15	17	19	16	16	17
6	15	15	16	16	16	19	21	20	17	16	15	17	15	15	16	16	16	17	19	17	23	19	17	19	17
7	17	19	17	17	20	20	20	24	22	21	18	18	16	16	15	15	14	14	15	19	21	17	19	18	18
8	17	17	19	22	28	25	20	19	21	20	19	17	16	15	15	15	15	15	15	16	17	18	21	28	19
9	26	26	36	40	47	46	26	22	20	19	****	20	21	19	19	20	19	19	19	20	29	30	****	****	26
10	****	****	****	****	****	****	****	****	****	****	22	-	20	****	****	****	****	****	****	****	****	****	****	****	*****
11												- OATA INVALID -													
12												- OATA INVALID -													
13												- OATA INVALID -													
14												- OATA INVALID -													
15												- OATA INVALID -													
16												- OATA INVALID -													
17												- OATA INVALID -													
18												- OATA INVALID -													
19												- OATA INVALID -													
20												- OATA INVALID -													
21												- OATA INVALID -													
22												- OATA INVALID -													
23	****	****	****	****	****	****	****	****	****	****	****	18	15	14	13	15	12	12	12	12	13	15	17	15	*****
24	13	13	22	14	14	14	14	15	14	15	****	16	16	15	16	15	14	13	12	12	14	14	15	12	14
25	15	19	13	14	15	17	15	18	16	15	14	14	14	14	15	14	14	17	17	16	16	23	26	20	16
26	17	20	20	22	15	15	17	26	18	15	****	15	14	14	14	14	14	13	14	13	13	13	13	13	16
27	13	13	14	13	13	15	17	18	18	17	15	14	13	-	13	14	14	13	15	20	21	19	17	15	15
28	22	21	23	25	25	25	21	20	18	16	14	16	16	14	14	14	15	14	15	14	14	14	14	15	17
29	15	15	16	17	18	18	16	15	15	15	14	-	13	13	13	13	12	12	13	****	16	19	18	16	15
30	15	15	15	16	17	20	25	24	19	18	17	16	13	13	15	14	15	14	14	14	14	14	13	13	16
31	13	15	19	21	17	19	20	25	21	19	16	20	20	16	17	25	15	15	15	16	15	15	15	14	18
MEAN	17	18	20	19	20	20	19	20	18	17	16	17	16	15	16	16	15	15	15	16	17	18	17	16	17 2

PERCENTAGE OF DATA VALID - 55.4 PERCENTAGE OF DATA INVALID - 44.0 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARID MINI5TRY OF THE ENVIRONMENT - AIR RE5ORCE5 8RANCH

PDLLUTANT - TDTAL HYDROCAR8ON5 UNIT5 - 0.1 PART5/MILLIDN

5TATION - C ND 35D33 EVAN5/ARNOLD AVE, ETD8ICDKE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	13	14	14	14	15	18	23	17	16	18	16	****	15	14	14	13	13	13	13	14	15	14	15	15
2	14	14	14	14	15	14	15	14	15	14	14	15	13	13	13	13	13	13	12	13	13	15	16	18	14
3	18	20	19	21	21	24	****	19	17	19	17	16	16	16	14	14	14	13	14	14	14	15	18	19	17
4	22	2D	15	14	15	16	18	16	16	19	17	15	14	12	13	13	12	13	13	13	14	14	14	17	15
5	15	15	15	15	15	15	14	13	12	12	13	12	12	12	12	11	12	12	11	12	12	13	14	13	13
6	13	13	12	12	12	12	13	13	12	13	12	12	12	12	11	11	10	11	11	12	15	15	18	18	13
7	19	2D	21	25	26	28	25	19	15	14	****	14	****	14	14	16	17	15	15	14	14	14	13	12	17
8	13	13	13	14	15	16	17	18	18	17	17	16	17	15	15	14	14	13	13	13	14	14	14	14	15
9	13	14	13	14	17	19	19	15	14	13	13	13	13	****	12	12	12	12	12	12	12	13	13	16	14
1D	13	15	17	16	15	15	16	19	21	25	****	14	****	****	19	19	19	20	21	22	24	26	26	26	19
11	26	26	26	26	26	26	27	27	27	27	27	26	26	26	26	26	26	26	28	29	28	28	29	29	27
12	29	31	31	32	33	34	34	32	30	28	27	27	27	26	26	25	26	27	27	29	31	34	41	40	3D
13	43	40	36	39	38	43	46	49	39	****	16	19	16	15	14	14	17	16	15	13	14	15	15	16	26
14	17	18	2D	18	19	20	22	22	2D	19	17	17	16	15	16	15	15	16	-	16	17	17	17	18	18
15	18	18	18	18	18	18	2D	19	16	16	****	****	16	17	16	16	15	15	15	16	16	18	19	19	17
16	19	27	23	17	18	20	22	23	21	17	17	17	16	16	17	18	18	2D	19	16	21	24	25	21	2D
17	22	23	22	24	27	32	35	32	22	21	22	21	18	16	15	15	15	15	****	****	****	****	****	****	22
18												- DATA INVALID -													
19												- DATA INVALID -													
2D	****	****	****	****	****	****	****	****	****	****	18	10	10	10	10	9	8	10	8	9	11	17	22	23	******
21	29	24	21	16	16	21	26	26	13	13	15	11	9	9	10	9	8	8	8	12	20	19	15	13	15
22	11	11	12	13	14	18	2D	14	11	****	13	13	14	15	16	14	14	14	13	13	13	13	12	12	14
23	12	12	13	14	14	13	15	14	19	14	15	****	16	2D	18	18	16	16	15	14	15	15	15	15	15
24	14	16	18	15	16	21	23	26	22	17	14	14	14	14	13	13	12	13	12	13	13	14	13	14	16
25	17	12	11	11	12	12	12	12	11	11	1D	10	11	1D	10	10	10	11	11	12	12	11	12	12	11
26	14	15	15	13	13	14	14	13	12	9	9	9	9	9	9	9	9	9	9	9	9	1D	12	12	11
27	13	10	10	11	12	13	16	17	16	14	****	17	16	16	18	2D	19	17	17	16	20	21	18	22	16
28	27	26	29	32	31	28	27	25	21	19	18	17	18	18	18	17	17	17	17	17	18	17	16	16	21
29	16	17	19	18	17	17	21	20	18	19	24	21	20	20	19	21	17	16	16	16	16	17	24	25	19
30	28	28	32	33	28	26	29	28	21	20	19	18	17	16	17	16	16	16	16	17	18	17	18	18	21
31	17	17	17	17	18	19	23	26	20	17	16	****	16	16	16	16	16	15	15	16	15	16	17	18	17
MEAN	19	19	19	19	19	20	22	21	18	17	17	16	15	15	15	15	15	15	15	15	16	17	18	18	17.3

PERCENTAGE OF DATA VALID - 89.2 PERCENTAGE OF DATA INVALID - 10.6 PERCENTAGE OF DATA UNAVAILA8LE - 0.1

NOTE5 1. "*****" INDICATE5 INVALID DATA DUE TO IN5TRUMENTATION FAILURE

2. "-" INDICATE5 DATA I5 UNAVAILA8LE

3. "******" INDICATE5 LE55 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINI5TRY OF THE ENVIRONMENT - AIR RE5OURCE5 8RANCH

POLLUTANT - TOTAL HYDROCAR8ON5 UNIT5 - D.1 PART5/MILLION

5TATION - C NO 35033 EVAN5/ARNOLD AVE, ETO8ICOKE MONTH - 5EP 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	23	24	26	30	31	35	29	20	22	18	18	17	17	17	17	16	16	16	16	16	15	15	15	20
2	15	15	17	18	17	16	16	16	17	17	16	16	18	18	16	16	15	15	15	14	14	14	15	17	16
3	16	16	15	15	15	15	15	15	14	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15	15
4	15	15	17	17	17	23	25	23	19	****	****	14	14	15	14	15	13	13	13	14	13	14	15	16	16
5	20	23	28	31	34	49	35	26	16	15	15	14	14	15	15	16	14	14	14	18	19	21	21	21	21
6	23	24	26	26	22	23	25	25	22	17	14	13	13	13	13	14	13	13	13	13	13	13	13	13	17
7	13	13	13	12	14	14	16	17	****	34	14	15	17	16	16	15	15	14	15	14	14	14	15	16	15
8	16	16	16	16	16	17	18	18	17	16	15	15	14	13	13	13	13	13	13	16	17	17	18	19	16
9	19	18	17	18	19	21	22	19	16	15	14	29	14	14	13	13	13	13	13	15	16	15	15	15	17
10	14	15	18	19	19	20	19	19	19	15	14	14	16	16	17	17	16	16	15	16	18	19	20	18	17
11	19	25	23	22	25	29	34	29	22	2D	17	16	16	15	14	-	14	14	16	15	16	20	24	25	2D
12	27	20	14	13	14	15	16	15	14	14	14	14	14	14	15	14	15	15	17	17	17	17	16	16	16
13	17	18	17	15	15	16	20	18	16	16	16	16	16	16	17	16	16	16	17	15	15	18	16	14	16
14	13	13	15	14	15	17	17	18	17	15	11	16	15	15	15	15	16	16	16	16	15	15	16	16	15
15	15	15	15	15	15	16	17	17	15	14	14	14	14	14	14	14	14	14	14	14	14	15	16	17	15
16	16	17	15	16	19	18	19	18	19	15	15	15	14	15	15	15	14	14	15	15	16	15	15	15	16
17	17	16	18	19	17	18	23	20	18	****	****	****	16	15	16	17	16	16	16	15	15	15	15	15	17
18	18	31	17	17	17	21	25	20	18	17	17	16	15	17	18	18	17	16	16	****	15	15	15	14	18
19	15	15	16	18	17	18	19	21	19	19	18	17	16	16	15	16	16	****	20	21	2D	20	22	22	18
20	22	26	32	31	31	38	38	32	28	23	13	15	14	14	14	15	15	14	13	13	14	14	17	22	21
21	23	27	28	30	34	28	27	28	25	24	21	16	16	16	16	15	15	14	15	15	****	16	16	16	21
22	17	17	15	17	17	19	22	22	19	16	15	14	13	13	12	13	13	15	16	16	17	19	21	23	17
23	23	23	22	21	21	23	22	23	21	17	14	14	14	13	13	13	13	13	15	17	24	27	30	36	20
24	38	34	32	33	33	36	42	42	22	17	****	15	15	16	17	16	15	15	16	16	18	20	20	31	24
25	31	32	36	37	35	30	25	24	25	22	21	21	19	19	19	18	17	16	18	18	21	22	40	24	25
26	20	18	17	17	17	19	26	24	21	19	16	17	17	17	18	20	20	19	22	28	27	32	34	33	22
27	32	30	31	44	33	35	79	40	35	32	29	33	29	25	21	21	18	18	22	26	33	24	25	24	31
28	23	24	26	24	24	25	31	29	28	23	****	26	29	27	28	29	28	27	27	26	25	28	32	33	27
29	31	29	31	35	39	37	36	40	33	31	25	22	20	19	19	18	18	18	18	19	21	22	28	30	27
30	34	32	34	32	27	27	27	27	25	22	21	2D	21	22	21	19	18	19	22	23	22	19	19	18	24
MEAN	21	21	22	22	22	24	26	24	21	19	17	17	16	16	16	16	16	16	16	17	18	18	20	20	19.3

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILA8LE - 0.1

NOTE5 1. "*****" INDICATE5 INVALIO DATA DUE TO IN5TRUMENTATION FAILURE

2. "-" INDICATE5 DATA I5 UNAVAILA8LE

3. "******" INDICATE5 LE55 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	17	19	18	19	20	24	28	****	34	21	18	23	21	18	18	17	16	17	17	20	25	26	25	21
2	23	22	20	21	23	20	23	25	25	27	21	18	19	19	19	20	19	17	17	17	17	16	16	16	20
3	17	16	16	16	16	18	19	22	20	19	20	22	27	24	27	23	20	20	18	17	18	19	18	17	20
4	16	16	16	17	18	19	21	22	18	17	21	24	25	25	25	25	24	22	23	22	23	22	22	26	21
5	20	21	21	19	18	20	22	25	24	****	25	25	22	22	20	22	24	22	23	22	19	18	18	17	21
6	17	18	18	17	17	17	18	18	19	19	18	17	16	16	16	15	15	15	15	15	16	16	17	17	17
7	17	17	16	16	16	16	16	16	16	15	15	15	15	15	15	15	15	17	17	17	17	17	17	18	16
8	18	-	19	17	17	18	18	18	18	18	17	16	16	16	16	17	18	17	18	17	18	18	19	20	18
9	20	20	19	19	20	20	21	22	21	21	-	****	17	16	17	17	18	19	21	20	18	19	22	22	20
10	22	23	-	24	33	****	30	37	40	31	21	16	15	15	17	14	14	14	16	18	19	19	21	21	22
11	20	17	17	17	19	20	21	25	25	25	20	16	14	12	****	18	18	19	18	19	19	16	17	16.	19
12	16	16	18	17	18	17	21	23	20	19	18	****	20	18	18	21	20	20	22	20	19	18	19	19	19
13	18	17	17	17	17	18	18	18	18	18	18	18	18	18	19	18	19	18	18	19	18	19	20	19	18
14	20	22	22	20	19	19	21	21	19	18	17	17	17	17	17	17	17	18	18	19	18	23	20	19	19
15	20	20	20	19	20	21	23	-	22	****	23	23	22	20	21	20	19	21	21	22	23	22	23	38	22
16	25	26	22	20	21	22	25	26	24	22	21	-	20	20	20	21	19	19	21	22	22	23	25	33	23
17	33	36	37	34	37	42	40	-	-	44	43	43	45	47	46	56	51	36	57	64	67	56	63	63	47
18	44	29	25	22	22	24	30	32	24	21	22	22	****	19	19	19	****	21	22	24	23	23	22	22	24
19	22	22	22	21	20	20	22	22	****	20	21	21	22	21	****	-	-	23	25	23	25	18	18	19	21
20	21	23	24	23	18	18	23	19	21	24	19	19	18	19	19	18	18	18	18	20	18	17	19	19	20
21	18	17	17	17	21	22	22	20	19	17	16	16	15	16	17	19	17	16	16	19	23	29	25	20	19
22	18	18	20	20	25	22	25	24	27	24	21	20	20	21	19	20	21	27	25	25	22	24	24	23	22
23	19	20	17	19	20	19	18	29	30	22	21	19	19	****	17	17	17	17	21	16	17	17	18	17	19
24	17	17	17	17	17	17	19	20	20	20	21	20	19	****	16	16	17	16	16	15	15	-	16	16	17
25	16	16	16	16	16	17	20	20	18	17	17	17	18	17	18	18	19	20	20	19	18	18	18	18	18
26	18	17	17	17	17	19	22	23	23	20	19	18	18	-	18	18	19	19	19	17	18	18	18	19	19
27	18	18	19	19	19	20	21	25	23	19	17	16	16	17	17	16	16	16	16	16	16	16	15	15	18
28	16	-	17	17	18	19	22	21	19	18	18	18	18	18	18	18	18	18	18	18	18	18	17	16	18
29	16	16	16	17	17	17	19	20	21	22	23	22	22	21	21	21	22	22	23	22	22	21	21	20	20
30	19	19	19	18	17	18	20	20	20	21	20	20	19	19	20	20	20	21	21	20	19	18	17	17	19
31	18	18	18	17	17	18	18	21	21	20	21	21	20	20	20	23	24	23	22	23	22	20	22	23	20
MEAN	20	20	19	19	20	20	22	23	22	22	21	20	20	20	20	20	20	20	21	21	21	21	21	22	20.5

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	21	21	19	19	20	21	24	23	22	23	25	24	26	24	25	27	33	33	23	20	21	18	18	23
2	19	19	19	19	18	18	19	22	25	22	20	****	17	17	19	21	22	20	19	19	19	20	21	20	20
3	23	24	27	25	26	26	29	32	29	23	20	19	17	17	16	16	17	18	20	19	21	20	20	-	22
4	20	20	19	20	20	20	22	23	21	18	17	17	18	18	18	18	19	20	23	24	24	26	32	31	21
5	33	29	34	31	28	33	43	41	36	24	****	18	20	19	19	19	21	19	18	18	20	22	25	31	26
6	42	44	44	46	44	44	44	49	56	42	32	24	24	23	24	24	27	24	33	37	33	34	36	32	36
7	27	23	22	21	19	19	18	20	19	18	18	18	18	19	****	18	19	19	19	18	17	16	17	18	19
8	20	21	17	17	16	-	****	15	15	15	15	17	17	17	18	18	18	20	20	22	22	21	21	23	18
9	25	25	26	29	30	26	26	41	47	27	23	21	19	19	18	21	21	20	20	-	17	16	18	19	24
10	21	18	18	17	19	18	19	19	19	18	18	17	16	17	17	17	17	19	20	19	18	19	18	19	18
11	19	19	-	19	20	21	23	25	25	26	22	20	-	19	18	18	19	19	19	21	20	19	20	19	20
12	18	17	17	-	17	17	19	20	20	22	22	22	21	21	20	20	20	20	21	27	29	30	37	41	23
13	36	31	29	27	24	22	24	26	30	27	21	22	21	21	21	21	21	23	25	24	22	18	19	18	24
14	18	18	17	16	17	16	17	21	22	17	16	15	14	15	17	19	18	18	17	15	17	18	19	20	17
15	20	19	16	17	16	17	18	22	18	23	16	15	15	17	17	20	18	19	19	18	17	15	14	12	17
16	12	11	10	10	10	10	12	13	14	13	15	18	19	18	22	20	20	17	17	16	16	16	16	18	15
17	17	17	16	16	16	16	17	18	19	21	20	20	19	18	17	18	20	21	27	38	39	35	30	33	22
18	30	31	34	35	31	31	30	29	36	38	29	26	23	20	29	30	29	29	28	27	26	30	28	27	29
19	26	26	25	25	26	27	28	30	31	29	29	27	26	27	30	32	30	27	26	28	30	29	29	28	28
20	26	25	27	29	32	36	41	43	36	31	31	****	21	22	20	21	22	20	19	21	20	19	19	19	26
21	20	19	18	18	19	19	20	21	21	20	18	18	18	18	19	19	19	-	20	20	19	19	19	20	19
22	20	19	18	17	18	18	21	28	33	25	22	30	26	29	24	23	22	26	24	19	21	20	23	24	23
23	24	19	18	21	21	20	21	21	23	23	24	30	26	31	34	35	26	30	31	22	21	24	26	27	25
24	28	30	28	18	17	17	18	18	17	17	18	17	17	16	16	17	16	17	18	18	18	****	23	24	19
25	28	28	34	34	33	34	33	31	35	29	21	19	20	18	18	17	18	18	18	18	19	18	18	18	24
26	18	18	18	18	16	15	18	19	18	17	****	28	16	16	16	15	16	15	15	15	16	15	15	15	17
27	18	15	15	15	16	16	17	20	20	19	17	17	17	17	17	19	19	18	18	19	20	22	19	23	18
28	22	20	22	22	18	17	18	18	17	16	16	17	17	17	18	19	19	17	17	17	17	17	16	16	18
29	16	17	16	17	16	15	16	18	19	17	17	17	18	18	****	19	-	****	15	15	14	14	14	14	16
30	14	14	13	13	13	13	14	15	14	15	14	14	14	16	15	15	16	15	15	15	14	15	15	15	14
MEAN	23	22	22	22	21	21	23	25	25	22	21	20	19	20	20	20	21	21	21	21	21	21	22	22	21 5

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	14	14	14	14	14	14	14	15	16	16	18	19	19	****	17	16	15	14	14	13	13	13	15
2	12	12	12	12	12	12	12	12	12	12	13	13	13	15	15	16	16	17	16	16	17	16	18	17	14
3	16	15	15	15	15	14	15	17	18	16	35	16	16	17	18	20	****	19	17	16	16	16	15	16	17
4	16	15	15	15	16	16	16	18	20	19	20	18	18	18	17	19	21	19	19	18	18	18	30	19	18
5	19	20	18	18	16	16	16	18	20	20	18	19	19	****	18	19	18	18	16	16	16	18	16	17	18
6	17	17	17	17	18	20	24	28	28	24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
7	****	****	****	****	****	****	****	****	****	****	****	****	13	****	****	****	****	****	****	****	****	****	****	****	******
8	****	****	****	****	****	****	****	****	****	****	****	****	****	16	15	16	16	16	****	15	16	15	15	16	******
9	16	16	16	15	15	15	14	15	15	15	15	16	15	16	15	15	16	16	17	17	18	19	17	17	16
10	17	17	18	19	18	17	19	22	25	22	18	16	19	20	20	22	20	18	17	17	17	20	21	18	19
11	20	19	16	15	15	15	16	17	22	20	18	19	17	18	20	23	26	22	17	16	22	19	15	15	18
12	17	15	14	14	14	14	16	20	19	17	17	17	17	17	17	17	19	18	18	****	****	****	****	****	17
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	25	30	28	35	29	30	25	24	******
14	25	24	24	24	23	23	24	27	30	26	25	24	25	****	24	25	26	25	23	22	22	22	22	22	24
15	22	22	22	33	23	24	25	27	25	21	22	21	21	21	21	21	23	24	25	24	24	25	25	25	24
16	24	24	24	24	24	24	24	28	41	39	34	29	24	28	26	22	21	20	19	19	18	18	18	18	25
17	18	18	18	18	18	19	20	23	26	27	25	23	22	23	23	23	23	23	23	22	21	21	22	22	22
18	22	20	21	20	20	21	22	25	26	25	24	23	23	23	23	25	26	27	24	24	25	21	20	20	23
19	20	20	20	20	21	21	22	23	23	23	23	23	22	22	23	20	18	17	16	16	15	15	15	16	20
20	16	15	15	15	14	15	16	18	20	19	20	20	20	20	20	21	25	29	36	37	35	42	46	42	24
21	43	45	43	42	39	37	36	41	55	67	60	36	27	21	21	22	20	19	21	21	19	18	16	15	33
22	15	15	15	14	14	14	14	14	14	15	15	16	16	20	21	18	19	18	17	17	18	20	20	18	17
23	19	19	19	19	19	19	18	17	18	19	19	20	22	24	23	25	22	20	20	19	19	22	24	23	20
24	25	21	21	22	25	28	34	27	21	19	19	19	18	17	17	16	16	16	16	16	16	16	16	18	20
25	18	17	16	16	15	13	13	13	12	12	12	12	12	11	11	11	11	11	11	10	11	10	10	10	12
26	10	10	10	11	11	11	11	11	11	12	12	12	12	12	13	13	13	13	13	13	13	13	13	12	12
27	13	12	12	12	12	12	12	13	13	13	13	13	13	15	****	15	14	14	14	14	30	15	13	12	14
28	12	11	12	11	11	11	12	15	15	14	13	13	14	15	15	16	16	15	15	15	15	15	14	13	14
29	13	13	13	13	13	13	13	14	15	14	14	14	14	16	14	17	16	16	14	13	13	13	13	13	14
30	13	13	13	13	11	12	13	13	16	14	13	13	14	14	16	15	15	17	17	17	15	15	16	17	14
31	17	17	17	15	16	13	14	16	16	14	14	16	16	14	14	14	14	14	15	15	16	17	17	-	15
MEAN	18	18	18	18	17	17	18	20	21	20	20	18	18	18	18	19	19	19	19	18	19	19	19	18	18.6

PERCENTAGE OF DATA VALID - 89.5 PERCENTAGE OF DATA INVALID - 10.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	16.1	22	35
FEB	28	17.0	30	40
MAR	31	22.9	33	70
APR	29	18.4	25	46
MAY	26	19.5	30	58
JUN	30	30.6	83	135
JUL	17	17.2	26	47
AUG	28	17.3	30	49
SEP	30	19.3	31	79
OCT	31	20.5	47	67
NOV	30	21.5	36	56
DEC	27	18.6	33	67
YEAR	335	20.1	83	135

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	0	601	61	10	0	0	0	0	672
FEB	0	522	115	13	0	0	0	0	650
MAR	0	256	365	93	2	0	0	0	716
APR	0	508	157	17	0	0	0	0	682
MAY	63	306	212	59	0	0	0	0	640
JUN	6	232	248	144	53	8	0	0	691
JUL	0	334	73	5	0	0	0	0	412
AUG	38	468	131	27	0	0	0	0	664
SEP	0	482	164	61	1	0	0	0	708
OCT	0	396	292	27	4	0	0	0	719
NOV	4	355	276	68	0	0	0	0	703
DEC	7	437	197	24	1	0	0	0	666
YEAR	118	4897	2291	548	61	8	0	0	7923

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
90.4	1	13.1	15.4	17.4	20.1	27.8	33.9	46.7	56.5	135	20.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	21	21	24	21	25	24	24	23	22	22	22	23	22	23	24	23	22	21	21	21	21	22	22	23
2	21	20	21	21	21	21	21	21	21	21	21	22	21	****	24	19	18	18	17	17	17	18	18	18	20
3	18	18	19	20	20	20	21	21	20	19	19	19	20	21	21	21	21	21	21	21	21	21	21	21	20
4	20	20	21	24	22	22	22	23	21	22	21	21	21	21	21	22	22	22	23	23	22	21	21	21	22
5	21	21	21	21	21	21	22	22	23	22	23	22	22	23	22	22	22	23	23	23	23	24	24	24	22
6	25	24	29	27	23	25	24	23	23	23	21	20	21	19	19	23	18	18	19	22	22	21	18	17	22
7	18	20	19	17	17	17	19	19	18	19	19	19	18	18	18	19	18	26	19	19	20	18	18	18	19
8	18	18	18	19	19	19	20	21	21	21	20	19	****	18	18	17	17	19	19	19	20	22	22	19	19
9	19	20	21	19	19	19	20	22	21	20	19	20	20	19	20	20	21	22	23	21	21	21	21	21	20
10	22	21	22	21	21	22	21	21	22	21	21	20	****	21	19	19	19	20	20	21	21	20	20	20	21
11	21	21	22	22	22	24	25	29	31	24	22	21	20	20	20	21	22	23	23	24	27	26	23	24	23
12	26	25	24	24	23	23	25	29	31	24	23	23	****	23	20	20	23	28	30	29	31	31	25	28	26
13	29	32	31	31	22	19	19	20	19	19	19	19	18	18	18	17	17	17	17	17	17	17	17	20	20
14	26	29	27	23	21	21	19	20	17	15	16	16	17	16	16	16	17	17	17	18	18	17	17	17	19
15	17	17	18	18	19	19	19	22	22	22	22	22	****	22	22	21	21	22	22	22	21	21	19	19	20
16	19	20	20	20	21	21	21	22	25	21	20	20	20	19	19	20	21	22	23	23	23	23	22	24	21
17	25	24	24	23	23	24	19	19	19	19	18	18	19	19	21	21	23	23	19	19	19	19	****	19	21
18	18	18	18	17	17	17	18	18	19	18	20	19	19	19	19	19	19	20	21	21	22	22	22	22	19
19	21	21	21	21	21	21	22	23	24	24	23	****	25	25	22	19	19	19	19	19	19	19	19	19	21
20	19	19	19	19	19	18	19	21	23	26	30	29	31	29	29	27	21	20	20	21	25	24	22	22	23
21	20	20	19	19	19	20	20	19	19	19	19	18	18	18	18	18	18	18	19	18	18	18	18	18	19
22	18	18	17	17	18	18	18	19	19	19	19	19	19	20	20	19	20	21	21	22	23	24	23	22	20
23	21	35	21	21	21	22	21	22	23	24	22	23	24	22	20	19	19	19	19	19	20	20	20	20	22
24	20	19	19	19	19	19	19	19	19	19	19	19	19	18	18	18	17	17	17	17	17	17	17	16	18
25	18	17	17	18	18	18	19	21	22	23	21	22	24	19	19	19	19	19	18	18	18	18	18	19	19
26	18	18	18	18	18	18	19	19	20	19	19	19	****	****	18	18	18	18	19	19	19	19	19	18	19
27	19	19	18	19	18	18	20	19	20	19	20	20	21	19	19	20	21	21	22	23	21	20	19	19	20
28	19	19	19	18	18	17	17	17	18	18	****	19	17	17	17	17	17	17	18	18	17	17	17	17	18
29	17	17	17	17	17	18	18	18	20	18	18	18	****	20	20	19	20	19	19	20	19	19	19	19	19
30	19	19	19	19	19	20	20	20	21	22	21	21	22	21	21	21	21	21	20	19	19	21	23	22	20
31	21	21	21	21	21	21	21	22	23	24	22	21	21	21	21	21	21	22	****	****	****	****	****	****	21
MEAN	21	21	21	21	20	20	20	21	22	21	21	20	21	20	20	20	20	20	20	20	21	21	20	20	20.5

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 2.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA INVALID -																								
2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	17	16	15	16	20	18	18	19	22	22	******
3	23	19	18	18	18	18	18	18	18	18	17	18	19	18	18	18	18	18	18	18	19	18	18	17	18
4	17	17	17	17	17	18	21	20	20	20	20	19	18	17	16	16	16	16	16	17	17	16	16	16	18
5	16	16	16	16	16	16	17	19	19	17	17	17	****	20	19	19	19	19	20	20	20	20	20	20	18
6	20	19	19	20	20	20	21	28	26	22	21	21	23	21	21	20	19	19	20	19	19	19	20	24	21
7	26	27	26	23	27	26	28	29	19	19	18	18	17	17	17	17	17	16	17	18	20	20	22	20	21
8	18	18	17	17	17	17	17	18	18	18	18	18	17	17	17	18	18	18	18	19	18	18	18	18	18
9	18	23	18	19	19	19	19	20	20	19	19	19	19	****	19	19	20	21	21	22	21	21	20	21	20
10	24	22	24	22	22	22	22	22	20	21	21	21	21	21	21	20	20	23	22	21	22	22	22	22	22
11	22	22	22	22	22	22	22	23	24	23	22	22	22	22	22	23	23	23	26	28	28	25	25	26	23
12	27	27	25	24	24	23	26	29	28	27	****	****	****	****	25	25	27	31	28	26	23	23	24	24	26
13	24	24	23	23	23	23	24	25	25	26	24	25	24	****	21	20	20	20	22	23	22	24	22	22	23
14	21	21	20	21	20	20	21	24	27	26	26	24	24	24	24	22	19	18	18	17	17	17	17	17	21
15	21	21	20	21	21	19	18	18	17	17	17	17	18	17	17	17	17	17	17	17	17	17	17	17	18
16	17	18	19	19	19	19	19	21	22	21	20	21	****	21	21	21	21	21	22	22	22	21	21	21	20
17	21	21	22	22	22	22	23	24	24	23	23	25	22	22	22	****	19	19	21	24	24	31	23	22	23
18	22	21	20	20	19	20	21	21	23	19	18	18	17	17	17	16	17	17	17	16	16	16	19	19	19
19	18	18	18	19	19	22	21	21	23	22	21	20	21	20	21	20	20	21	22	22	22	23	24	25	21
20	26	24	23	22	23	23	23	24	26	26	26	25	23	22	22	23	23	22	25	25	27	28	34	33	25
21	44	36	34	36	39	31	27	28	25	25	24	25	21	21	19	19	20	21	21	21	20	19	19	18	26
22	20	19	19	19	19	20	21	21	21	21	21	22	22	22	23	23	22	22	22	23	22	22	21	21	21
23	20	21	21	21	20	21	21	21	21	22	21	21	21	21	22	23	23	33	23	22	23	23	23	23	22
24	24	23	22	21	21	21	22	24	24	24	23	22	21	21	21	22	22	22	22	22	22	22	22	22	22
25	22	22	21	21	21	21	21	22	22	22	22	22	21	21	21	23	22	23	22	22	22	21	20	21	22
26	23	22	22	21	19	20	19	21	22	21	19	18	19	18	18	18	20	22	20	19	21	19	19	19	20
27	18	19	19	17	17	17	17	17	19	18	18	17	16	16	15	15	14	14	17	17	17	19	21	23	17
28	26	24	27	27	24	22	23	23	26	24	24	22	22	23	23	22	21	23	27	33	39	39	31	23	26
MEAN	22	22	21	21	21	21	21	22	22	22	21	21	20	20	20	20	20	21	21	21	21	22	21	21	21.1

PERCENTAGE OF DATA VALID - 93.0 PERCENTAGE OF DATA INVALID - 7.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	23	35	26	21	21	20	20	20	19	19	19	19	19	19	19	21	21	21	20	22	24	24	22	22
2	24	21	21	20	19	20	24	23	29	21	20	20	****	20	22	22	22	21	27	21	24	22	21	23	22
3	24	23	23	23	22	22	26	29	26	23	23	23	24	24	23	23	23	24	27	30	26	26	25	23	24
4	23	23	22	24	23	23	24	23	23	23	23	23	22	23	23	21	21	20	20	21	24	23	23	25	23
5	32	29	25	26	25	25	25	25	25	25	26	26	26	****	19	19	19	21	21	21	21	21	20	19	24
6	21	21	20	20	20	20	20	19	21	19	19	19	21	20	19	18	18	18	19	21	20	18	20	21	20
7	22	20	23	29	27	25	28	33	32	20	20	20	19	19	19	18	19	19	19	20	26	26	25	27	23
8	30	26	28	28	24	23	23	28	26	24	21	23	****	25	23	21	26	26	23	22	23	21	22	22	24
9	22	23	23	26	26	27	30	34	30	26	25	25	25	25	23	23	23	22	23	23	22	24	22	23	25
10	24	27	23	22	24	23	22	23	22	23	23	24	22	22	23	21	23	21	22	21	21	21	21	22	23
11	22	21	21	21	21	21	21	22	21	20	21	20	22	21	21	21	21	21	22	21	22	23	22	22	21
12	21	21	21	21	20	21	20	20	21	20	20	20	****	****	****	15	14	15	16	16	20	26	27	25	20
13	20	18	18	18	17	17	17	18	18	19	18	18	16	15	14	14	14	17	17	17	13	14	14	14	16
14	13	14	15	16	16	15	14	16	17	18	18	19	****	23	****	21	21	20	19	19	19	19	19	18	18
15	20	19	19	20	19	19	20	20	20	19	20	20	19	19	21	20	19	19	19	20	20	21	22	21	20
16	20	19	19	19	19	19	18	20	20	20	19	20	21	20	18	19	19	21	23	23	22	21	23	22	20
17	22	21	22	26	22	22	25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
18	- DATA INVALID -																								
19	- DATA INVALID -																								
20	- DATA INVALID -																								
21	- DATA INVALID -																								
22	- DATA INVALID -																								
23	- DATA INVALID -																								
24	- DATA INVALID -																								
25	- DATA INVALID -																								
26	****	****	****	****	****	****	****	****	****	****	****	****	****	17	16	16	16	17	17	15	16	16	16	16	******
27	16	15	15	15	15	15	17	17	17	17	17	17	****	18	17	17	17	17	17	17	17	18	18	18	17
28	20	21	21	23	23	22	21	22	17	17	17	17	17	17	18	17	17	17	15	16	16	16	16	16	18
29	16	18	18	18	19	21	19	21	21	21	19	20	21	20	20	21	22	21	20	21	20	21	21	19	20
30	19	19	19	18	18	18	20	21	19	18	18	****	20	19	19	22	21	20	21	28	28	31	24	21	21
31	18	20	23	19	18	18	18	20	19	18	18	19	18	18	18	18	18	18	20	22	19	18	18	18	19
MEAN	21	21	22	22	21	21	21	23	22	20	20	21	21	20	20	19	20	20	20	21	21	21	21	21	20.8

PERCENTAGE OF DATA VALID - 68.8 PERCENTAGE OF DATA INVALID - 31.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	18	18	18	18	18	18	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
2	18	18	18	18	18	18	18	19	20	19	20	24	****	****	****	****	****	****	****	****	****	****	****	****	******
3	****	****	****	****	****	****	****	****	****	****	****	****	****	18	18	18	19	20	22	20	21	22	21	21	******
4	21	22	21	21	21	22	23	22	21	21	19	19	19	19	19	18	18	18	18	18	18	18	18	18	20
5	19	21	18	18	18	18	18	18	18	18	18	18	****	19	19	19	20	19	19	19	19	18	18	18	19
6	19	19	17	19	21	19	18	18	18	18	18	18	18	18	18	18	19	19	19	19	19	19	19	19	19
7	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	20	20	20	20	21	19
8	20	20	21	21	22	22	22	21	22	21	20	19	18	18	18	18	19	18	18	18	18	18	18	18	20
9	17	17	17	17	17	17	17	17	17	21	21	21	****	20	20	20	21	19	19	21	24	23	24	22	20
10	20	19	19	19	18	18	19	19	19	19	18	19	19	18	18	18	19	19	20	21	22	21	21	21	19
11	20	21	21	22	24	23	21	24	23	19	19	19	19	18	18	18	18	18	18	18	19	19	19	19	20
12	19	19	19	19	19	19	19	19	19	19	19	19	19	****	18	18	18	17	18	18	18	18	18	18	19
13	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	19	19	20	17	17	17	17
14	17	17	17	17	17	18	19	17	17	17	19	18	18	18	19	17	18	18	21	23	21	19	18	19	18
15	19	18	18	18	18	17	18	18	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	18	18
16	18	18	18	18	18	18	18	18	18	18	18	18	17	18	17	18	17	17	17	18	18	18	18	18	18
17	17	17	17	18	17	17	18	18	19	18	18	18	18	****	18	18	18	18	18	18	18	18	18	18	18
18	19	18	19	18	18	18	19	19	19	18	18	18	18	17	17	17	17	18	18	18	18	18	19	18	18
19	17	18	18	19	19	18	18	18	18	18	17	17	17	18	17	18	19	19	17	18	18	18	18	18	18
20	19	19	19	21	24	22	24	21	23	22	23	24	23	****	26	22	22	23	22	23	22	25	30	27	23
21	31	32	24	29	30	31	29	24	22	22	25	25	22	21	21	20	19	19	21	22	23	30	23	22	24
22	26	31	30	32	25	23	21	21	20	20	19	19	20	21	21	20	20	21	20	26	31	27	22	22	23
23	23	24	23	24	24	23	26	25	23	24	22	22	****	22	20	20	20	21	23	24	22	27	29	22	23
24	25	26	29	30	28	27	26	28	24	22	22	20	19	19	19	19	19	19	19	19	20	47	34	18	24
25	19	21	18	18	18	18	22	23	22	19	18	19	20	18	19	19	19	19	19	19	19	20	20	22	20
26	22	18	18	18	20	21	20	17	18	17	17	16	16	17	16	16	17	16	16	16	16	16	16	16	17
27	17	18	16	16	16	16	16	17	17	16	15	15	15	15	15	16	17	17	16	16	17	16	17	17	16
28	17	17	17	18	18	17	16	17	16	17	17	17	17	16	16	16	17	17	17	22	27	26	23	18	18
29	21	17	17	17	17	17	17	17	17	17	17	18	19	18	19	18	18	19	19	18	19	23	18	19	18
30	19	22	21	19	19	20	20	20	20	20	20	****	21	20	19	18	19	21	19	20	24	20	19	19	20
MEAN	20	20	19	20	20	20	20	20	19	19	19	19	19	18	18	18	19	19	19	20	20	21	20	19	19.4

PERCENTAGE OF OATA VALID - 95.6 PERCENTAGE OF OATA INVALIO - 4.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYOROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	18	18	18	18	19	18	18	18	19	19	19	19	19	19	19	19	19	19	23	20	22	21	19
2	20	21	21	21	22	23	25	26	19	20	20	20	19	18	18	18	18	18	18	18	18	18	18	18	20
3	17	17	18	18	17	18	19	19	18	19	18	18	****	17	20	24	31	24	17	18	17	17	17	17	19
4	16	16	16	17	17	17	19	17	16	16	16	16	17	17	17	17	17	16	17	17	17	18	17	17	17
5	17	18	17	17	18	18	17	17	17	16	17	16	18	17	16	18	17	17	18	17	17	17	17	17	17
6	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
7	17	17	17	17	17	17	17	18	18	18	18	****	21	20	19	19	19	19	19	21	23	23	22	21	19
8	20	20	20	19	21	23	37	21	21	20	19	19	18	18	19	19	21	19	19	20	23	23	31	43	22
9	42	35	33	26	22	26	28	39	23	23	21	19	****	21	20	20	20	20	21	23	25	25	25	29	25
10	27	31	34	50	30	35	43	49	32	20	21	21	20	18	18	19	21	27	19	18	18	23	27	25	27
11	23	23	23	18	18	22	21	19	19	19	19	19	****	19	19	19	19	19	19	22	35	51	30	31	23
12	28	32	27	47	33	25	24	33	28	24	20	20	24	22	22	19	19	19	19	18	18	18	18	18	24
13	18	18	18	18	18	18	19	18	18	18	18	18	19	19	19	19	19	19	19	20	22	24	21	21	19
14	22	26	21	21	22	25	22	21	21	21	20	****	20	19	19	19	19	19	19	20	20	25	46	29	22
15	22	22	20	19	20	19	19	27	22	19	20	21	21	20	23	21	19	28	25	20	19	20	20	20	21
16	19	19	19	19	19	19	19	19	19	20	20	20	21	20	20	21	22	22	23	25	31	26	21	22	21
17	23	24	24	22	25	26	24	28	24	23	23	23	****	22	23	23	22	21	21	21	22	23	24	29	23
18	37	31	33	32	28	26	27	23	21	21	21	21	21	20	21	21	21	21	23	22	25	27	27	26	25
19	24	23	20	19	23	24	21	20	20	19	19	19	19	19	19	22	20	19	19	20	21	22	23	32	21
20	19	20	21	21	23	20	20	21	21	20	20	20	19	19	19	19	19	19	20	22	23	23	23	24	21
21	21	22	23	27	27	26	24	20	23	20	20	20	19	20	20	20	20	20	20	20	20	21	21	21	21
22	20	20	21	21	21	21	21	21	21	20	20	****	20	20	19	19	19	19	19	20	19	19	19	19	20
23	19	19	19	20	21	24	24	21	20	19	19	19	19	19	19	19	19	19	20	20	20	21	23	23	20
24	23	22	20	20	20	20	21	22	22	22	20	20	19	19	19	19	19	19	20	21	20	19	21	23	20
25	21	19	19	19	19	19	21	22	22	21	21	****	21	21	21	20	21	21	20	20	20	20	21	19	20
26	18	18	18	18	18	18	18	18	18	18	18	19	19	18	18	18	21	23	20	20	21	21	22	20	19
27	21	23	22	21	21	21	20	21	22	20	20	19	18	18	18	20	19	18	18	19	21	21	30	23	21
28	23	21	22	21	22	24	25	23	28	24	22	22	****	19	19	21	21	34	29	24	22	20	21	21	23
29	21	21	21	27	24	22	22	22	22	23	22	21	19	19	18	23	17	18	18	17	17	17	16	18	20
30	20	27	22	24	36	25	19	21	21	21	21	20	22	22	21	17	18	20	22	21	24	25	28	27	23
31	25	25	26	23	25	25	27	32	28	27	27	****	****	21	21	20	20	20	20	20	22	22	21	21	24
MEAN	22	22	22	22	22	22	23	23	21	20	20	19	20	19	19	20	20	20	20	20	21	22	23	23	21.1

PERCENTAGE OF OATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	23	25	26	25	22	19	19	19	19	19	19	20	20	20	20	20	20	20	21	23	36	37	75	25
2	39	36	43	57	28	26	22	21	20	20	20	21	22	20	23	20	22	21	20	21	31	27	21	22	26
3	21	22	21	23	29	24	22	21	21	21	21	21	20	20	20	20	20	20	20	21	20	31	29	32	23
4	37	28	26	26	57	46	25	25	23	22	22	****	25	22	21	20	20	21	22	21	18	19	19	19	25
5	21	25	26	22	21	23	23	22	21	22	23	23	20	20	20	20	20	20	21	21	21	21	21	21	22
6	20	21	21	23	21	21	20	21	21	21	20	21	21	21	20	20	20	20	20	20	20	21	22	21	21
7	22	21	20	20	20	22	21	21	21	21	21	21	20	****	22	21	20	20	21	22	28	28	27	23	22
8	24	23	23	26	22	21	22	27	29	26	22	22	21	21	21	21	22	22	22	22	24	22	22	23	23
9	43	64	39	48	28	24	25	27	27	22	24	24	23	23	23	22	21	21	21	21	21	22	23	75	30
10	26	22	21	20	20	21	22	24	27	25	22	22	21	21	20	20	20	19	19	22	19	19	19	19	21
11	19	19	19	19	18	18	19	19	18	18	****	18	19	18	18	18	19	19	18	19	19	23	21	20	19
12	19	19	19	19	19	19	19	19	19	18	19	19	19	19	19	20	20	19	20	20	21	20	20	20	19
13	20	19	19	20	20	21	21	21	20	19	19	19	19	19	20	20	19	19	19	20	23	25	24	26	20
14	24	22	25	25	25	29	29	27	27	21	21	****	23	21	21	21	20	20	21	21	23	24	24	26	23
15	22	27	26	24	24	26	26	25	24	22	21	21	20	20	21	21	22	22	22	23	24	28	27	26	24
16	25	22	23	25	24	23	22	21	21	21	21	21	20	20	21	21	22	21	24	26	25	32	33	23	23
17	22	23	25	49	32	46	23	23	23	23	21	21	21	21	21	20	20	20	22	23	20	20	21	21	24
18	21	20	20	19	19	20	20	20	20	20	19	19	****	20	19	19	19	20	20	25	30	30	30	30	22
19	26	23	22	22	22	23	23	24	23	21	20	20	20	20	23	20	20	20	20	22	21	20	20	23	22
20	27	30	29	28	27	22	22	22	21	21	21	21	23	21	21	21	20	19	21	20	20	21	23	26	23
21	23	20	27	28	22	22	22	22	22	22	21	21	22	20	19	21	19	19	20	21	20	20	20	21	21
22	20	21	21	22	23	24	38	31	21	20	19	****	22	23	23	23	23	23	23	23	23	23	23	23	23
23	22	24	24	21	21	21	21	21	21	21	21	21	21	21	21	21	21	20	20	20	20	21	21	20	21
24	21	21	21	21	21	21	20	20	20	20	20	20	19	19	19	20	20	20	20	19	19	20	20	19	20
25	19	19	19	20	20	20	20	21	21	22	20	19	22	25	20	21	21	21	18	21	20	24	28	25	21
26	23	24	25	24	24	25	27	28	26	25	25	23	20	19	19	20	24	19	20	20	25	25	27	28	24
27	24	27	21	22	22	23	21	23	24	22	22	22	21	21	26	21	22	22	23	24	21	21	19	20	22
28	28	21	20	27	42	25	24	32	21	23	23	24	21	21	20	19	19	19	19	20	23	22	22	28	23
29	25	24	20	19	19	19	19	19	19	19	19	****	21	20	20	21	22	21	19	19	20	28	25	20	21
30	19	19	19	19	19	21	19	19	19	19	19	19	19	19	19	19	19	19	20	18	18	18	18	19	19
MEAN	24	24	24	25	24	24	23	23	22	21	21	21	21	21	21	20	21	20	21	21	22	24	24	26	22.4

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	21	19	20	20	21	18	19	19	19	19	19	19	19	19	19	19	19	22	19	31	27	31	21
2	20	20	22	22	22	21	20	20	19	19	18	18	18	18	19	18	18	18	18	19	19	19	19	19	19
3	19	19	19	19	19	20	20	21	21	20	20	20	21	19	19	19	20	20	20	20	20	20	20	20	20
4	22	20	20	21	22	22	22	23	24	21	23	****	18	19	19	19	19	18	18	18	19	19	19	18	20
5	18	18	19	18	18	18	20	21	20	19	20	19	19	19	19	19	19	19	19	19	20	21	21	21	19
6	20	20	19	19	19	20	22	21	21	21	20	20	20	20	21	23	23	19	18	20	21	22	21	21	20
7	20	24	29	24	26	24	25	23	27	22	24	22	28	21	20	19	19	19	19	21	24	25	30	21	23
8	23	23	22	21	21	22	33	22	24	26	22	23	20	20	22	23	25	26	28	30	21	25	29	27	24
9	28	27	25	25	26	27	27	23	22	21	20	****	21	20	20	20	19	19	20	21	24	28	28	26	23
10	21	19	35	40	27	30	28	22	21	19	20	22	20	20	20	20	20	21	21	22	23	26	30	21	24
11	24	24	24	24	25	24	23	23	23	20	21	22	23	22	23	23	24	21	21	24	21	22	24	25	23
12	54	51	32	38	50	30	24	23	22	23	23	23	23	24	24	25	26	24	21	22	22	26	45	37	30
13	27	28	28	25	25	24	24	27	25	23	22	****	21	20	19	19	19	19	19	19	28	27	27	28	24
14	32	26	24	25	25	25	27	27	26	25	23	23	23	23	22	22	21	21	21	21	33	26	24	24	25
15	25	25	26	27	22	24	26	25	24	27	24	26	24	20	20	19	19	19	19	19	22	25	22	22	23
16	23	23	22	22	21	21	22	22	21	23	22	22	21	22	21	22	22	21	20	20	20	21	21	20	21
17	19	19	19	19	19	20	20	21	21	20	19	19	****	18	19	21	22	24	19	23	19	20	20	19	20
18	19	19	19	21	19	19	20	21	19	20	21	23	24	22	21	19	22	19	22	19	21	21	21	21	21
19	20	20	21	21	23	21	20	20	18	23	25	20	20	19	21	22	20	19	19	19	21	26	21	22	21
20	22	20	21	22	21	23	26	22	24	25	23	****	28	27	27	27	27	26	25	27	43	25	26	26	25
21	29	30	28	26	27	29	29	32	33	32	34	30	29	27	26	26	25	26	24	25	29	30	27	27	28
22	26	27	26	31	27	29	36	27	24	24	24	24	23	22	22	22	22	22	22	24	25	37	27	25	26
23	23	23	25	25	24	27	25	26	25	26	26	****	19	17	18	17	16	18	19	18	17	18	19	19	21
24	23	21	19	19	22	27	17	18	18	18	17	17	17	18	17	15	15	15	16	14	15	15	15	16	18
25	15	16	20	15	14	14	15	15	16	15	14	14	14	14	14	14	14	15	15	17	15	15	15	16	15
26	19	16	18	22	16	16	15	18	14	15	15	14	14	14	13	13	14	13	13	13	13	13	13	14	15
27	14	14	14	14	14	15	15	15	15	18	14	****	9	9	10	9	10	14	24	14	18	15	13	17	14
28	20	17	16	16	16	32	20	15	14	15	19	14	16	15	16	15	14	14	14	15	14	14	14	14	16
29	24	15	16	16	21	15	15	15	15	15	14	14	17	17	17	18	17	18	19	25	22	25	21	18	18
30	18	18	19	19	21	22	24	22	23	21	20	****	21	20	19	19	19	19	18	22	22	17	18	18	20
31	17	19	25	22	20	25	24	21	21	22	21	20	20	18	17	19	16	17	18	26	27	21	19	18	21
MEAN	23	22	22	22	22	23	23	22	21	21	21	20	20	19	19	20	20	19	20	21	22	22	22	22	21.2

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	17	18	18	17	18	21	21	18	17	17	17	17	18	16	17	16	17	17	16	17	16	17	17
2	18	18	18	17	18	17	18	18	19	20	23	20	20	19	19	19	19	19	20	22	27	21	26	25	20
3	26	28	24	29	29	29	24	27	27	22	****	22	21	20	23	23	22	25	27	39	37	61	37	26	28
4	23	24	30	31	22	26	24	29	23	22	21	21	21	19	17	18	19	19	20	21	22	25	22	22	23
5	24	24	23	25	23	23	21	20	20	21	19	21	20	19	17	18	19	18	19	20	21	22	21	20	21
6	20	20	20	19	19	19	20	20	21	20	19	19	20	21	20	20	21	22	23	26	29	28	29	26	22
7	25	26	25	24	25	27	29	27	24	21	20	****	****	21	20	20	19	21	18	18	18	17	18	17	22
8	22	25	19	22	18	19	19	19	20	19	20	19	21	20	21	19	20	21	18	20	23	19	20	20	20
9	20	20	21	21	21	22	24	20	20	20	20	****	****	19	18	18	19	19	20	20	20	22	23	26	21
10	24	20	20	23	24	21	20	23	25	22	19	20	20	20	20	19	20	20	19	20	20	21	22	21	21
11	21	19	20	20	20	20	20	21	20	21	21	21	22	20	20	22	22	21	21	22	22	22	21	21	21
12	22	22	22	22	22	23	24	24	23	21	21	22	21	21	21	21	21	21	23	27	31	29	27	28	23
13	26	26	24	23	22	25	27	29	27	25	27	****	23	23	23	23	23	25	25	23	22	23	26	27	25
14	24	23	23	27	24	24	24	24	23	23	23	23	22	21	21	21	22	22	21	22	23	23	22	21	23
15	21	21	21	21	21	22	22	21	22	21	21	22	22	22	21	21	22	22	22	23	24	22	22	22	22
16	21	21	21	21	21	22	22	23	23	25	25	22	22	21	22	22	24	21	22	28	29	24	24	22	23
17	26	25	25	23	24	25	26	30	27	29	****	****	****	24	23	23	22	23	28	24	23	27	22	23	25
18	22	25	27	26	28	22	23	30	23	30	28	35	34	25	23	26	28	24	23	24	34	26	35	36	27
19	34	37	41	45	22	22	22	22	21	21	21	22	22	21	22	21	22	24	24	25	27	26	25	24	26
20	24	26	25	24	25	25	26	24	26	22	22	****	24	22	21	22	23	23	21	21	22	24	28	27	24
21	30	30	26	26	27	30	28	28	29	27	28	28	27	24	25	21	23	29	26	37	29	31	28	29	28
22	28	25	23	25	24	26	26	24	22	21	21	****	22	22	21	21	21	22	22	22	22	21	22	22	23
23	24	29	30	29	27	27	25	23	23	23	22	23	26	30	23	23	23	24	25	22	24	25	26	29	25
24	38	40	27	21	22	23	23	22	21	22	21	21	22	22	21	21	22	21	22	22	21	23	24	23	24
25	26	21	21	23	24	23	23	22	22	22	****	24	23	24	26	24	23	23	25	25	27	24	27	25	24
26	27	29	29	25	29	32	27	25	25	25	24	24	24	23	23	23	23	23	25	21	22	23	21	21	25
27	20	17	17	18	20	21	19	23	20	19	16	17	20	20	19	18	18	18	19	20	20	23	29	27	20
28	26	23	23	26	22	23	26	28	23	23	22	21	21	22	22	23	22	21	22	22	22	22	23	24	23
29	21	22	22	20	20	23	32	24	22	20	21	21	21	20	20	21	23	23	25	25	24	24	26	29	23
30	33	27	22	29	24	24	23	23	24	23	23	23	24	22	22	21	22	23	23	24	23	26	25	23	24
31	27	23	25	26	28	28	29	30	28	26	28	25	24	24	24	24	24	24	24	24	25	29	30	31	26
MEAN	25	24	24	24	23	24	24	24	23	22	22	22	22	22	21	21	22	22	22	23	24	25	25	24	23.1

PERCENTAGE DF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NDTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	32	32	31	32	34	30	35	31	32	29	31	32	26	26	27	27	25	25	25	24	26	30	32	35	30
2	23	23	24	25	24	24	25	25	25	24	25	25	24	23	24	24	23	22	23	24	23	24	25	26	24
3	27	28	22	23	33	25	23	23	21	22	22	22	22	22	22	22	22	22	22	24	22	23	23	23	23
4	22	22	23	23	23	23	23	24	25	27	25	****	24	23	22	22	23	23	23	24	23	27	31	30	24
5	35	35	31	28	29	31	32	35	34	23	22	23	23	22	22	22	23	22	22	23	27	31	27	26	27
6	27	27	28	27	27	30	30	27	25	24	21	21	22	20	19	20	20	21	21	20	21	21	21	20	23
7	21	21	22	21	21	21	22	22	23	22	22	23	23	22	22	22	22	21	21	22	21	22	22	22	22
8	20	21	21	22	21	22	22	21	21	21	21	23	23	22	23	23	22	22	23	30	28	24	26	26	23
9	25	24	25	26	27	25	25	26	24	26	27	26	24	23	22	22	22	23	23	24	24	26	28	31	25
10	32	30	28	29	27	27	26	24	25	23	23	23	23	27	25	24	22	23	23	22	23	24	25	24	25
11	23	23	24	24	24	25	26	28	26	26	26	26	25	24	22	22	25	26	29	27	32	32	31	28	26
12	24	24	24	24	26	29	34	35	23	24	24	****	****	****	****	****	****	****	****	****	****	****	****	****	*****
13													- DATA INVALID -												
14	****	****	****	****	****	****	****	****	****	****	****	****	25	15	17	12	8	7	6	7	9	7	8	9	*****
15	9	10	9	11	14	12	13	15	11	11	12	9	10	12	11	12	12	13	14	15	15	33	17	21	13
16	21	20	18	16	17	17	16	18	16	15	18	17	17	18	18	12	12	18	16	19	23	22	16	16	17
17	16	21	19	16	15	17	21	17	17	15	15	****	22	24	23	23	19	20	20	22	21	25	27	28	20
18	28	24	23	24	25	30	25	23	22	21	21	21	21	19	18	17	17	19	17	18	19	16	16	16	21
19	16	16	17	18	18	19	20	19	18	23	19	****	21	15	15	15	15	16	19	21	17	19	19	19	18
20	21	21	20	21	25	27	26	28	25	21	18	18	16	16	18	17	17	17	17	19	21	20	18	19	20
21	21	25	23	24	23	25	22	25	23	23	22	21	19	20	19	19	21	19	19	19	18	19	17	17	21
22	17	17	18	18	17	19	18	20	19	21	19	19	18	17	17	17	18	17	16	17	18	17	17	17	18
23	18	18	18	18	18	19	21	20	21	20	17	17	16	17	17	17	15	16	22	24	24	28	25	22	20
24	22	24	25	24	22	25	30	27	24	18	19	****	20	20	19	19	19	19	19	19	24	26	25	24	22
25	25	35	37	32	29	30	29	28	29	25	26	22	22	20	19	19	21	22	28	26	24	25	27	24	26
26	27	23	21	21	20	21	21	21	21	20	21	20	19	19	19	21	22	24	28	28	24	23	26	25	22
27	21	23	21	22	22	26	30	31	27	25	25	22	22	20	19	19	19	18	20	32	33	29	31	36	25
28	36	33	35	39	42	43	25	23	21	20	20	****	17	18	15	15	13	13	13	19	21	19	21	20	24
29	19	19	30	22	23	25	22	19	15	18	17	16	14	14	15	15	14	12	14	17	18	17	23	20	18
30	23	21	21	22	19	17	19	19	21	22	20	21	21	19	17	17	17	33	36	22	18	17	16	18	21
MEAN	23	24	24	23	24	24	24	24	23	22	21	21	21	20	20	19	19	20	21	22	22	23	23	23	22.D

PERCENTAGE OF DATA VALID - 92.5 PERCENTAGE OF DATA INVALID - 7.5 PERCENTAGE OF DATA UNAVAILABLE - D.D

NDTES 1. "****" INDICATES INVALID DATA DUE TD INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C ND 4401D 1298 REBECCA ST OAKVILLE MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	22	21	19	16	16	19	20	18	19	****	20	22	19	18	17	15	15	16	15	18	19	20	20	18
2	22	20	19	19	17	17	18	20	19	17	17	18	17	17	17	17	17	17	17	17	18	18	18	17	18
3	16	18	19	17	17	18	19	18	19	21	20	****	21	18	20	17	17	17	18	18	18	21	20	20	19
4	20	16	18	19	18	18	21	20	18	17	17	18	17	22	19	19	19	19	19	19	18	17	18	18	19
5	17	17	18	18	17	20	19	22	20	18	17	17	****	18	17	17	21	17	17	17	17	17	18	18	18
6	18	18	17	17	18	19	17	17	17	17	18	18	19	20	19	19	19	19	19	20	20	18	21	20	19
7	21	19	19	22	17	17	17	17	17	17	17	17	18	17	17	18	18	18	18	19	19	19	19	19	18
8	21	20	21	21	21	23	27	27	25	20	23	20	23	24	24	24	24	23	22	21	21	23	22	24	23
9	27	24	24	24	23	22	24	23	23	23	24	****	****	****	****	****	****	****	****	****	****	****	****	****	******
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15	****	****	****	****	****	****	****	****	****	****	****	****	23	23	22	22	21	21	22	27	25	23	23	23	******
16	26	23	21	20	21	21	21	21	18	20	19	20	20	19	18	18	18	19	18	19	18	19	23	23	20
17	24	26	25	23	25	26	28	29	26	24	27	****	****	25	26	26	23	26	26	29	35	34	42	34	28
18	25	18	18	15	16	17	17	18	20	17	17	16	16	16	16	16	16	16	16	17	18	16	16	16	17
19	18	20	19	17	17	17	17	17	17	18	17	****	22	21	21	22	22	23	27	21	20	19	19	19	20
20	19	18	18	21	20	19	19	20	20	19	19	19	20	19	22	20	20	19	19	20	19	18	18	18	19
21	18	17	18	18	18	18	19	24	21	22	21	21	20	19	18	18	19	21	21	20	19	23	25	21	20
22	18	21	23	26	26	76	38	34	24	19	19	****	19	20	18	18	18	18	22	22	22	20	21	22	25
23	22	20	20	17	17	17	17	18	18	19	20	20	19	19	19	20	20	19	17	18	18	18	19	19	19
24	18	18	18	18	18	18	18	18	18	18	18	17	17	16	16	16	16	16	16	16	17	17	17	17	17
25	18	17	17	17	18	18	18	18	18	18	18	18	16	18	18	18	18	18	19	19	20	20	20	20	18
26	21	21	20	19	18	19	19	19	19	19	19	****	19	19	19	19	19	19	19	19	20	20	21	21	19
27	22	20	21	22	21	21	21	22	22	20	18	19	18	18	18	19	21	19	19	19	19	19	20	20	20
28	20	19	19	18	19	19	19	19	19	18	18	18	18	18	18	18	18	18	19	18	18	18	18	18	18
29	17	17	17	17	17	18	18	18	19	19	18	19	****	14	11	11	10	11	11	11	12	14	15	15	15
30	11	10	10	10	10	10	10	11	11	10	10	10	10	10	10	10	10	11	11	11	12	12	12	12	11
31	12	12	12	12	12	12	13	14	13	12	12	12	10	12	12	12	12	12	12	13	12	14	19	22	13
MEAN	20	19	19	19	18	21	20	20	19	18	18	18	18	18	18	18	18	18	18	19	19	19	20	20	18.9

PERCENTAGE OF DATA VALID - 79.3 PERCENTAGE OF DATA INVALID - 20.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 4401D 1298 REBECCA ST OAKVILLE MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	19	13	14	15	20	27	23	15	11	****	19	20	19	19	24	28	22	18	17	19	19	19	19
2	21	19	19	20	22	21	22	23	24	20	18	19	18	19	18	18	19	21	22	22	21	19	19	19	20
3	20	21	22	21	22	22	22	23	22	21	20	19	18	18	19	19	19	18	19	20	21	21	24	22	21
4	22	18	18	18	17	18	18	18	19	18	18	18	18	18	18	18	19	21	25	19	23	24	23	23	20
5	24	22	22	22	22	23	27	30	33	25	25	21	19	19	18	18	18	18	18	17	19	21	23	29	22
6	26	26	28	26	24	26	30	29	29	30	29	23	22	21	21	22	22	22	27	27	26	26	26	29	26
7	26	20	18	18	18	18	18	18	18	18	18	17	18	18	18	19	19	20	19	19	19	19	19	19	19
8	20	20	19	19	20	19	19	19	19	19	19	19	20	21	21	22	22	19	21	21	20	21	22	24	20
9	23	23	24	25	26	29	30	31	36	30	22	22	21	21	20	19	19	20	20	19	19	18	18	18	23
10	21	20	19	19	19	18	18	19	19	18	18	18	18	18	18	18	18	18	19	19	19	19	19	19	19
11	20	19	19	19	19	20	21	21	21	21	22	22	20	19	19	19	19	19	23	23	23	23	21	22	21
12	22	22	22	23	23	23	22	24	24	23	23	23	23	23	23	23	23	25	31	32	30	28	27	29	25
13	29	28	28	28	27	27	28	28	26	24	23	22	21	****	20	20	20	22	24	25	23	22	21	21	24
14	20	20	19	20	20	19	19	20	21	19	19	18	18	18	18	18	18	18	18	19	21	22	21	22	19
15	23	23	24	24	22	21	20	21	21	22	21	21	20	21	21	19	19	19	20	21	22	19	19	17	21
16	17	17	18	19	19	19	21	26	23	21	21	21	20	19	19	20	23	21	21	23	24	23	22	22	21
17	22	20	22	24	22	22	22	21	20	20	20	19	18	19	19	18	22	28	33	36	39	27	25	25	23
18	25	23	23	24	24	26	26	27	28	28	27	25	25	26	26	25	24	23	22	22	22	22	23	24	25
19	22	21	21	21	21	20	20	23	24	25	22	21	24	24	23	23	23	23	28	31	34	34	32	33	25
20	30	30	31	31	31	34	26	25	25	25	24	24	22	22	21	21	21	22	21	21	22	23	21	21	25
21	19	20	20	20	20	20	20	20	21	21	21	21	20	19	19	21	20	19	19	19	20	19	19	20	20
22	21	25	21	19	21	19	21	22	20	20	22	21	20	20	20	20	20	21	21	21	21	21	21	21	21
23	20	20	19	20	20	24	28	21	25	22	21	21	****	21	20	20	20	21	20	20	20	21	25	27	22
24	33	46	19	19	19	19	20	19	19	19	19	20	21	21	20	21	22	24	24	24	22	26	27	29	23
25	32	28	28	31	32	32	35	31	28	30	27	23	23	21	20	20	20	20	19	20	19	19	19	19	25
26	19	19	19	19	19	19	20	19	18	16	19	22	22	19	19	19	17	18	18	18	18	18	19	20	19
27	21	21	21	21	22	23	23	23	23	21	21	21	21	20	20	20	20	22	23	21	21	20	19	19	21
28	19	19	18	18	18	18	19	18	17	17	17	17	****	17	18	18	18	17	19	19	20	20	19	19	18
29	19	19	19	19	20	21	21	21	22	21	21	21	19	19	18	18	19	19	20	20	21	21	22	22	20
30	21	21	20	20	20	21	19	19	19	20	20	****	20	19	19	19	19	19	22	22	22	22	21	22	20
MEAN	23	22	21	21	21	22	23	23	23	22	21	21	20	20	20	20	20	21	22	22	22	22	22	23	21.5

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	23	23	22	22	23	22	22	22	22	22	22	23	23	23	25	25	24	24	23	22	22	22	22	23
2	21	21	21	21	21	21	22	22	22	23	24	23	22	22	22	22	21	22	23	25	25	26	26	26	23
3	28	27	27	27	26	26	26	26	27	25	24	25	25	****	15	14	13	14	15	15	16	17	15	14	21
4	15	15	15	15	15	15	15	15	17	17	16	13	13	12	11	11	11	12	14	18	18	17	20	20	15
5	19	17	17	21	17	15	16	16	17	17	16	16	15	16	17	19	24	21	20	21	21	22	21	21	18
6	22	22	23	21	21	20	23	26	29	27	22	21	21	20	20	18	19	19	20	20	21	21	22	23	22
7	23	24	25	27	25	25	26	29	31	25	24	23	22	****	22	22	22	24	23	22	21	24	23	23	24
8	19	19	18	18	18	19	19	20	21	21	21	21	20	21	21	22	22	22	22	22	23	24	27	26	21
9	25	23	22	22	22	24	22	23	24	24	24	23	23	23	23	22	20	20	21	19	19	17	17	16	22
10	16	16	16	16	19	20	27	33	23	19	18	18	19	28	22	20	27	21	20	22	21	23	22	22	21
11	21	21	20	19	19	19	20	20	21	22	23	26	20	****	21	21	21	21	21	21	20	19	19	20	21
12	20	20	21	23	24	21	20	20	18	17	17	17	17	17	18	18	18	19	20	20	21	21	21	22	20
13	23	24	24	26	26	27	27	29	30	28	31	29	27	29	30	32	31	30	29	29	28	27	26	26	28
14	26	25	25	28	36	34	32	29	28	24	24	24	****	14	14	14	14	14	16	16	17	19	18	19	22
15	23	24	27	27	27	26	24	27	29	26	24	22	20	18	17	17	15	16	17	18	19	21	22	22	22
16	21	21	20	20	22	20	19	23	21	20	21	21	18	17	17	17	17	18	19	21	22	24	25	26	20
17	27	27	27	30	30	31	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	22	22	22	22	22	23	18	18	18	18	******
19	18	18	20	20	19	20	21	20	20	19	19	20	19	19	20	19	20	19	19	18	19	18	21	21	19
20	21	21	21	21	21	21	21	23	24	25	25	26	25	25	28	23	25	27	28	30	31	30	31	29	25
21	28	28	29	28	27	26	28	37	34	31	30	29	****	26	25	25	23	24	27	26	31	33	31	31	29
22	34	34	36	27	21	20	19	21	21	20	21	22	22	22	22	21	22	21	24	35	29	26	22	21	24
23	20	27	29	26	26	28	20	21	21	20	20	19	22	20	19	18	21	18	17	19	20	21	29	25	22
24	24	18	18	19	20	21	20	19	20	19	19	19	19	19	20	19	20	20	21	21	21	21	22	21	20
25	22	22	21	21	21	20	20	20	19	20	20	20	20	19	19	19	19	19	19	19	20	20	20	20	20
26	20	20	20	20	20	20	21	20	20	21	21	21	22	22	22	22	22	22	22	22	23	22	23	22	21
27	22	22	22	22	22	22	22	22	23	25	24	23	****	23	17	17	18	18	18	18	18	17	17	17	20
28	18	18	17	17	17	17	17	18	18	18	18	18	17	17	18	18	18	17	18	18	19	19	19	19	18
29	18	18	18	19	19	19	19	19	20	19	19	18	16	16	16	16	16	17	18	17	17	18	18	18	18
30	18	18	17	17	21	22	20	22	27	21	17	17	17	17	18	18	17	19	20	20	20	21	24	27	20
31	28	23	21	18	18	18	19	24	29	30	21	19	19	19	19	18	18	19	25	26	26	25	23	21	22
MEAN	22	22	22	22	22	22	22	23	23	22	22	21	20	20	20	20	20	20	21	21	22	22	22	22	21.4

PERCENTAGE OF OATA VALID - 94.9 PERCENTAGE OF DATA INVALIO - 5.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY OATA FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	20.5	26	35
FEB	26	21.1	26	44
MAR	21	20.8	25	35
APR	28	19.4	24	47
MAY	31	21.1	27	51
JUN	30	22.4	30	75
JUL	31	21.2	30	54
AUG	31	23.1	28	61
SEP	27	22.0	30	43
OCT	24	18.9	28	76
NOV	30	21.5	26	46
OEC	29	21.4	29	37
YEAR	339	21.2	30	76

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - TOTAL HYDROCARBONS UNITS - 0.1 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	0	319	399	9	0	0	0	0	727
FEB	0	220	390	15	0	0	0	0	625
MAR	0	183	323	6	0	0	0	0	512
APR	0	483	197	8	0	0	0	0	688
MAY	0	309	392	32	0	0	0	0	733
JUN	0	125	561	24	3	0	0	0	713
JUL	5	274	434	23	0	0	0	0	736
AUG	0	91	618	22	1	0	0	0	732
SEP	13	194	413	46	0	0	0	0	666
OCT	16	379	188	6	1	0	0	0	590
NOV	0	247	443	25	0	0	0	0	715
DEC	0	235	449	22	0	0	0	0	706
YEAR	34	3059	4807	238	5	0	0	0	8143

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
93.0	6	16.6	18.5	20.1	21.7	25.6	28.0	31.5	34.7	76	21.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH, HURON PARK MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	1	0	0	27	35	37	39	38	38	39	39	38	39	38	40	41	43	43	44	47	48	49	49	35
2	50	52	57	57	57	57	57	56	56	56	55	53	56	56	56	55	55	56	56	55	53	52	52	51	55
3	43	35	35	39	38	34	31	32	36	35	37	42	46	49	47	43	44	47	46	46	44	44	43	45	41
4	47	42	41	41	43	46	47	47	52	53	****	****	25	27	25	24	25	26	28	30	31	30	31	29	36
5	29	30	30	30	31	30	30	30	30	29	29	29	26	20	20	15	****	6	5	6	9	8	3	3	21
6	0	0	8	11	5	3	0	0	8	14	18	21	24	27	28	24	17	17	15	15	16	15	12	11	13
7	3	2	4	4	0	0	0	2	6	9	12	15	17	19	19	18	18	17	18	20	21	21	28	30	13
8	29	30	30	30	31	30	30	30	30	30	28	28	28	28	28	29	29	29	29	25	27	27	26	26	29
9	19	17	8	14	16	17	15	17	17	16	16	17	17	19	16	14	9	4	4	3	3	3	6	8	12
10	24	23	25	26	22	23	17	13	16	14	17	27	28	28	28	28	28	25	28	27	26	25	25	25	24
11	27	23	20	22	16	10	8	10	9	15	19	23	30	32	34	26	12	3	4	7	10	8	5	6	16
12	12	12	14	17	21	21	13	4	11	20	23	24	23	21	****	24	18	18	13	13	12	9	7	5	15
13	4	4	4	0	0	0	0	0	4	11	16	17	17	16	16	15	11	8	12	9	5	4	4	4	8
14	3	3	1	1	5	****	****	****	26	28	34	36	34	33	34	34	35	34	34	34	35	34	35	36	26
15	36	36	36	36	35	35	16	16	20	23	23	26	28	25	22	17	10	11	21	16	13	14	26	25	24
16	25	25	22	13	7	15	20	22	24	24	26	30	32	33	31	24	7	0	6	9	12	5	17	18	19
17	18	16	11	4	3	5	4	7	9	13	11	14	13	19	29	26	30	29	27	25	31	28	28	27	18
18	29	29	29	29	29	30	29	30	32	34	34	36	36	37	36	33	19	24	19	25	31	23	20	24	29
19	15	22	26	22	23	18	8	11	14	18	23	27	30	24	18	23	25	23	14	9	12	18	19	13	19
20	14	14	15	14	13	11	10	11	13	14	14	16	16	14	10	5	2	****	****	****	****	****	****	****	12
21	- DATA INVALID -																								
22	- DATA INVALID -																								
23	- DATA INVALID -																								
24	- DATA INVALID -																								
25	- DATA INVALID -																								
26	- DATA INVALID -																								
27	- DATA INVALID -																								
28	- DATA INVALID -																								
29	- DATA INVALID -																								
30	- DATA INVALID -																								
31	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	30	30	30	30	32	32	31	31	31	******
MEAN	23	21	21	21	21	22	20	20	23	25	25	27	28	28	28	26	23	23	23	23	24	22	23	23	23.4

PERCENTAGE OF DATA VALID - 63.8 PERCENTAGE OF DATA INVALID - 36.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH, HURON PARK MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	34	32	31	32	33	32	32	32	31	30	29	29	31	31	31	32	32	34	35	35	36	35	35	35	32
2	35	35	35	34	31	30	28	16	24	26	31	32	33	33	34	35	35	34	34	34	31	27	27	18	31
3	14	13	12	8	15	13	11	9	13	15	19	25	31	35	31	28	34	34	29	19	13	16	15	16	20
4	14	11	10	5	0	2	22	31	31	36	37	38	42	41	41	41	39	36	35	32	31	29	29	27	28
5	27	26	26	26	26	26	26	25	25	24	25	26	27	27	27	28	27	28	28	27	26	25	25	19	26
6	17	15	13	8	6	3	3	6	11	15	21	23	26	26	****	29	24	21	11	6	12	15	17	13	15
7	11	7	0	0	0	2	2	3	6	9	14	19	20	22	22	22	20	16	8	30	40	36	29	27	15
8	27	27	27	28	26	25	24	23	24	25	26	27	30	30	31	30	30	30	27	28	28	28	27	26	27
9	27	29	29	29	29	29	26	23	25	26	28	30	30	31	31	31	31	28	29	30	25	18	18	13	27
10	4	5	7	8	15	18	23	27	29	29	28	29	31	32	32	33	30	28	20	12	3	13	25	26	21
11	21	20	19	25	27	27	27	27	26	27	29	29	28	32	33	33	31	27	18	15	14	17	20	13	24
12	4	1	2	14	21	20	18	14	14	18	22	26	30	30	32	34	34	32	29	28	30	29	28	25	22
13	25	26	27	27	28	28	27	26	23	25	26	26	28	30	32	34	30	20	3	1	1	1	2	10	21
14	2	18	23	25	28	27	26	25	23	19	22	22	24	24	22	16	26	21	15	1	1	3	13	19	19
15	25	24	13	5	8	15	19	19	21	23	23	23	25	29	****	31	30	29	28	27	25	24	24	19	22
16	23	24	28	31	32	32	31	30	29	29	30	32	34	32	33	33	33	32	32	32	32	31	32	32	31
17	32	33	33	32	31	31	30	29	28	28	30	32	33	35	36	37	37	37	33	32	28	26	28	28	32
18	30	30	27	23	23	19	16	14	18	24	30	33	32	32	31	32	33	32	32	30	27	26	23	20	27
19	18	17	17	17	13	12	12	7	9	12	20	29	37	40	44	43	43	44	45	43	35	25	21	24	26
20	28	28	31	34	36	37	38	31	22	25	31	38	46	49	50	50	50	50	49	42	40	36	28	23	37
21	23	19	12	7	6	12	12	10	12	19	23	27	27	22	20	19	19	24	32	43	49	56	56	53	25
22	52	52	51	49	49	48	45	43	39	39	43	43	44	48	50	53	57	58	54	50	53	50	33	27	47
23	26	32	36	34	29	30	28	25	24	24	24	23	24	21	18	14	12	9	6	4	2	0	9	15	20
24	19	19	23	28	31	31	35	37	36	37	36	35	37	38	38	36	34	33	34	33	31	34	34	33	33
25	34	32	32	31	31	31	32	32	32	32	34	35	36	35	35	39	42	41	40	37	37	37	37	38	35
26	38	38	38	38	38	38	37	36	34	33	32	31	33	35	36	37	38	36	35	35	35	36	37	36	36
27	36	36	35	35	34	33	32	30	32	32	34	35	36	36	36	36	38	40	39	39	39	33	29	34	35
28	14	24	24	34	30	27	18	16	23	25	****	****	****	****	****	****	48	42	37	39	42	37	39	50	32
MEAN	24	24	24	24	24	24	24	23	24	25	28	30	32	32	33	33	33	32	29	28	27	27	26	26	27.3

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH, HURON PARK MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	44	37	29	8	6	10	9	16	22	23	20	19	20	18	16	15	14	13	11	9	9	4	8	26	17
2	36	35	35	33	33	33	33	33	32	30	29	32	33	31	32	30	26	22	19	18	13	21	29	32	29
3	32	29	26	26	23	19	18	16	17	17	19	23	27	27	31	36	37	39	44	47	47	41	37	31	30
4	27	27	27	27	27	27	28	28	28	28	28	28	30	31	30	29	29	23	21	21	22	22	22	22	26
5	20	17	15	20	21	23	22	24	24	22	21	22	25	25	31	32	31	32	29	25	25	25	27	26	24
6	29	27	27	27	27	26	25	23	22	24	25	26	27	28	25	20	21	20	24	32	41	34	20	14	26
7	14	9	4	9	18	28	23	22	23	25	27	32	35	38	38	38	30	30	37	35	32	26	21	14	25
8	11	9	12	13	12	17	29	29	29	31	34	****	40	42	42	40	40	38	36	31	32	24	20	21	27
9	19	18	16	16	16	18	11	12	16	18	21	24	22	26	28	30	27	29	28	30	27	21	15	11	21
10	8	4	5	8	12	16	17	15	22	26	30	32	26	30	32	31	31	31	31	31	29	29	29	28	23
11	26	26	29	29	29	29	29	28	28	28	28	26	26	26	26	26	28	28	28	29	29	30	29	31	28
12	33	36	36	36	36	36	36	35	32	34	36	36	36	39	40	42	41	41	30	24	30	28	27	30	35
13	30	30	29	16	11	15	15	16	19	22	21	22	25	31	40	40	36	36	37	37	40	41	43	40	29
14	39	35	40	45	38	34	34	36	31	35	38	35	36	35	35	33	33	34	35	36	35	35	36	36	36
15	36	37	37	37	37	37	37	35	34	34	34	33	32	34	35	37	36	36	35	34	31	32	32	32	35
16	29	25	24	21	18	20	17	17	19	24	34	37	41	42	42	39	31	28	26	24	22	21	19	16	27
17	12	7	4	2	0	0	1	7	14	20	32	36	39	42	44	43	38	30	24	22	21	24	27	25	21
18	23	15	9	16	22	19	21	21	19	27	35	37	42	49	46	39	42	41	33	26	32	27	29	23	29
19	34	42	32	30	27	28	27	27	27	28	29	27	29	33	35	36	37	36	35	34	30	35	29	23	31
20	27	18	21	23	25	23	16	13	20	24	33	33	36	41	41	32	26	22	16	7	6	8	5	17	22
21	29	29	22	20	-	-	-	-	-	****	27	31	35	38	43	44	43	37	30	22	25	25	20	12	30
22	11	14	10	10	12	19	15	13	16	24	35	37	40	46	48	45	45	48	49	45	31	21	36	34	29
23	26	31	29	26	26	26	27	28	29	31	35	33	40	47	50	53	46	46	45	37	37	37	43	39	36
24	35	35	34	29	26	26	22	21	22	21	24	26	23	22	24	26	20	21	24	20	20	22	18	12	24
25	10	17	17	17	17	17	17	19	19	19	19	19	20	21	****	****	****	****	****	****	****	****	****	****	******
26												-	DATA	INVALID	-										
27												-	DATA	INVALID	-										
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	25	24	17	13	20	18	16	16	19	******
29	25	24	27	34	31	27	24	23	23	21	23	23	17	17	17	17	16	13	13	12	11	13	24	26	21
30	28	27	22	21	21	24	27	26	27	27	27	28	32	32	32	30	32	32	30	30	30	32	32	32	28
31	29	29	25	19	18	19	19	19	17	20	21	21	23	23	23	23	23	24	26	26	27	27	27	27	23
MEAN	26	25	23	22	22	23	22	22	23	25	28	29	31	33	34	33	32	30	29	27	27	26	26	25	26.8

PERCENTAGE OF DATA VALID - 89.2 PERCENTAGE OF DATA INVALID - 7.9 PERCENTAGE OF DATA UNAVAILABLE - 2.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH, HURON PARK MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	27	26	26	25	25	24	24	24	23	21	21	21	21	20	21	20	22	22	21	21	21	22	23	23
2	23	20	18	17	16	13	13	11	7	****	3	3	9	8	8	6	10	15	10	10	13	20	21	21	13
3	22	22	24	26	26	24	22	22	23	24	24	25	27	27	27	27	28	27	26	20	16	15	17	17	23
4	19	20	17	16	15	18	18	16	17	17	20	20	20	22	25	19	19	19	19	19	19	20	24	25	19
5	27	26	26	27	28	28	26	25	25	24	23	24	30	34	29	26	26	25	27	28	30	30	29	****	27
6												- OATA UNAVAILABLE -													
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	24	23	18	******
8	23	24	25	25	27	26	25	25	21	23	25	25	22	22	24	23	22	21	20	21	24	23	14	21	23
9	29	30	33	32	30	29	28	26	26	28	29	31	35	35	34	31	28	29	29	30	31	30	30	30	30
10	31	30	28	26	25	24	22	21	23	25	27	28	28	27	27	27	27	27	26	23	15	17	14	13	24
11	10	15	15	18	21	20	17	20	25	23	24	26	32	31	33	33	30	28	30	28	28	28	28	29	25
12	31	30	30	29	29	26	26	28	27	26	26	27	26	25	28	28	28	28	26	24	20	20	21	21	26
13	24	26	26	26	24	18	18	18	20	22	22	22	21	17	19	22	22	20	18	18	20	22	23	21	21
14	22	20	21	24	30	31	31	28	26	28	30	32	34	37	39	41	41	39	37	35	31	33	33	32	31
15	33	30	30	28	27	26	25	23	23	25	25	24	26	28	26	26	24	25	27	26	26	25	24	26	26
16	26	25	24	22	22	22	20	19	18	18	18	19	22	22	23	24	26	26	26	25	21	22	20	21	22
17	23	24	26	25	23	22	21	20	21	23	26	28	26	26	26	26	28	28	28	27	26	23	23	23	25
18	26	26	24	24	25	24	20	23	23	27	31	36	37	34	32	32	32	30	32	30	28	24	24	20	28
19	18	18	15	14	13	13	16	17	23	30	33	33	38	38	37	35	34	32	30	25	26	18	11	9	24
20	13	13	9	6	6	5	5	10	22	30	33	35	39	39	41	41	43	43	39	26	26	22	22	21	25
21	22	18	23	19	19	20	20	23	27	32	35	41	49	46	32	26	29	27	23	21	18	15	16	16	26
22	13	15	16	16	15	15	16	16	17	19	20	22	23	24	25	27	29	28	26	20	8	3	4	10	18
23	16	17	13	12	13	15	13	14	14	21	27	39	48	53	63	58	55	56	47	35	35	32	25	22	31
24	17	29	30	26	24	29	24	24	25	28	29	37	45	52	48	48	52	52	45	28	26	26	28	32	34
25	33	28	28	23	22	20	17	19	16	17	25	42	51	53	51	51	51	41	32	31	29	29	26	25	32
26	34	37	38	39	34	24	20	18	23	24	25	27	32	28	24	24	27	26	24	19	15	13	14	15	25
27	17	17	17	18	19	19	17	17	17	18	19	19	22	22	22	22	22	23	23	23	23	21	20	19	20
28	15	17	19	19	22	21	19	17	17	15	15	17	16	15	16	17	18	19	20	21	22	23	24	25	19
29	24	23	18	19	20	21	20	19	20	22	24	27	30	30	30	29	28	27	26	24	18	17	18	19	23
30	24	28	28	25	24	25	21	17	17	19	24	29	26	22	22	27	22	23	24	24	23	23	24	25	24
MEAN	23	23	23	22	22	22	20	20	21	23	24	27	30	30	30	29	29	29	27	24	23	22	21	21	24.5

PERCENTAGE OF OATA VALIO - 93.6 PERCENTAGE OF OATA INVALIO - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 6.1

NOTES 1. "*****" INDICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH, HURON PARK MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	26	26	26	25	24	22	22	23	24	26	26	28	28	30	29	30	30	30	28	20	11	15	19	25
2	23	22	18	15	18	18	20	24	29	29	29	35	35	36	35	37	39	35	20	22	25	15	20	23	26
3	24	21	24	22	22	22	19	20	15	15	17	21	28	30	24	29	30	28	28	28	26	25	23	22	23
4	22	22	22	23	23	22	21	21	21	22	22	22	22	21	21	21	22	23	22	19	19	21	21	23	22
5	22	22	21	20	19	18	19	22	25	25	26	26	30	28	28	28	28	27	29	32	28	29	29	28	25
6	25	24	24	24	24	24	23	22	22	21	22	24	27	25	30	35	41	47	41	34	28	12	15	18	26
7	22	24	21	18	17	17	17	20	21	23	30	36	****	47	49	53	55	55	48	37	33	30	30	28	32
8	23	21	21	21	21	19	20	25	28	35	42	46	49	51	52	49	49	51	49	43	35	41	38	36	36
9	31	26	24	21	18	14	12	13	20	30	38	42	47	49	48	40	37	45	41	33	28	26	22	17	30
10	20	19	20	27	29	27	24	24	21	21	16	23	19	27	35	37	38	30	27	25	23	21	23	20	25
11	20	18	18	12	7	3	5	10	19	29	37	42	47	49	52	53	50	43	41	40	39	30	25	22	30
12	26	24	22	19	18	16	16	10	11	12	12	14	15	17	17	15	14	14	14	15	15	15	16	16	16
13	16	16	17	17	17	17	17	17	17	19	20	23	24	26	30	40	44	41	37	30	26	25	22	22	24
14	23	23	23	21	19	16	11	13	18	21	24	25	31	32	33	33	34	34	31	30	29	25	28	29	25
15	24	22	22	23	23	21	16	18	20	23	24	28	32	33	32	29	27	26	26	24	24	21	18	17	24
16	17	17	17	16	15	14	13	16	17	18	18	18	19	19	19	20	21	21	20	14	8	1	0	0	15
17	6	9	11	8	4	2	3	6	11	22	25	28	33	34	34	37	37	37	36	31	21	19	19	23	21
18	24	23	20	19	16	14	17	20	20	24	29	37	43	44	47	51	51	48	41	38	33	28	27	28	31
19	29	27	25	20	19	21	23	22	22	23	26	31	38	34	37	43	39	35	32	25	23	22	22	24	28
20	29	25	24	21	23	24	24	22	24	27	32	35	35	35	35	31	34	33	30	21	18	8	17	13	26
21	12	10	10	21	24	26	23	20	19	18	18	18	18	16	15	16	16	17	16	15	13	9	7	6	16
22	5	6	6	5	3	1	5	7	17	23	24	25	27	29	31	35	38	37	36	32	25	25	26	25	21
23	17	15	14	16	17	7	7	8	7	14	26	31	44	45	45	44	35	26	24	22	20	20	21	22	23
24	23	22	21	21	21	20	17	17	18	21	20	20	20	21	21	19	21	20	18	19	20	23	26	25	21
25	25	25	23	20	19	19	18	16	16	17	16	15	19	19	19	20	19	19	23	23	23	22	22	23	20
26	23	23	23	21	20	15	13	11	11	10	11	12	13	14	15	16	17	19	18	19	19	19	18	17	17
27	15	16	14	13	12	11	11	12	14	14	14	19	26	24	22	26	34	37	31	27	22	16	13	8	19
28	8	10	11	11	11	9	6	9	11	15	18	23	27	29	28	27	25	24	23	17	8	13	9	8	16
29	2	9	9	9	11	11	13	11	10	11	13	14	21	24	27	24	24	23	21	17	14	12	9	7	14
30	8	8	8	6	7	7	8	9	15	23	28	30	31	34	31	31	32	29	27	23	13	11	13	16	19
31	15	19	14	13	13	16	25	33	38	42	46	49	50	51	53	58	57	57	64	57	46	38	31	32	38
MEAN	20	19	18	18	17	16	16	17	19	22	24	27	30	31	32	33	33	33	30	27	23	20	20	20	23.6

PERCENTAGE OF DATA VALIO - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - 5W NO 10001 COLLEGE OF AGRICUTURAL TECH, HURON PARK MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	37	35	32	30	30	26	24	26	31	35	43	55	61	63	65	64	65	66	65	53	48	32	21	16	43
2	16	16	14	9	7	4	7	12	16	21	23	29	32	32	34	34	42	41	33	29	34	27	24	23	23
3	18	15	13	12	10	11	14	21	27	38	46	52	56	53	50	52	57	55	48	36	36	40	37	32	35
4	26	19	19	19	18	14	15	19	22	30	36	44	51	57	65	62	65	62	53	44	38	32	24	30	36
5	31	32	32	27	21	20	28	25	20	24	28	30	30	28	25	23	22	20	17	13	9	4	8	9	22
6	7	9	11	11	11	11	11	****	13	20	30	29	40	47	52	55	52	50	41	35	29	20	20	16	27
7	16	18	19	20	20	14	11	16	24	31	42	50	55	52	51	51	52	63	62	57	45	39	36	26	36
8	21	19	19	17	14	10	10	10	15	18	28	38	38	49	50	54	60	52	42	35	30	26	21	19	29
9	19	19	19	23	22	19	18	23	24	34	38	39	45	48	49	46	46	48	50	37	43	54	52	45	36
10	35	27	22	17	17	13	6	10	18	27	30	33	46	45	46	46	37	24	22	19	19	19	19	19	26
11	20	17	21	23	21	19	19	19	20	20	21	21	21	22	25	24	24	23	22	21	18	14	12	12	20
12	10	10	9	5	7	10	15	16	17	20	20	21	21	21	21	21	23	24	25	22	16	16	11	6	16
13	7	8	9	8	5	5	8	16	23	28	29	29	29	31	30	31	33	38	34	31	25	21	22	21	22
14	22	24	23	22	18	15	17	20	25	35	41	42	53	59	65	68	66	75	70	63	59	59	54	49	44
15	43	39	38	34	29	23	22	28	38	48	58	75	79	81	85	86	84	84	76	66	54	45	39	39	54
16	36	34	34	35	32	31	36	45	53	58	62	66	70	70	71	74	74	72	65	51	48	41	44	49	52
17	54	57	54	40	38	32	29	34	45	55	61	63	64	60	78	80	56	47	31	24	19	18	17	16	45
18	17	17	19	23	23	23	24	24	24	24	26	28	32	34	33	33	33	31	30	26	21	19	16	8	25
19	10	11	9	7	9	9	13	17	23	24	27	29	34	37	47	48	46	46	41	37	31	25	23	24	26
20	23	24	25	22	22	21	21	20	31	40	43	47	50	54	58	66	56	63	60	58	53	56	52	35	42
21	32	30	29	28	26	24	20	20	23	27	29	34	40	43	45	48	43	39	39	36	32	29	27	23	32
22	16	13	15	14	16	16	17	22	21	20	14	10	10	10	12	16	16	16	14	16	18	17	17	17	16
23	19	18	18	16	15	14	13	13	12	13	14	16	16	15	16	16	16	15	16	15	14	13	11	8	15
24	8	7	8	8	11	9	10	14	16	18	19	19	21	19	18	19	19	19	19	17	16	13	10	10	14
25	9	8	9	10	10	9	11	15	19	21	21	22	24	26	29	27	26	25	25	23	17	8	9	10	17
26	13	21	17	14	13	13	17	24	28	39	46	47	49	52	56	60	61	59	51	44	42	43	52	52	38
27	49	49	50	45	40	32	28	30	29	32	36	51	62	52	37	38	44	51	48	43	45	46	48	53	43
28	44	38	30	22	19	21	17	22	****	27	26	22	21	23	27	29	27	24	24	23	18	15	3	3	23
29	11	9	8	8	8	12	15	23	28	37	40	35	36	35	40	37	35	35	35	32	34	34	29	29	27
30	28	26	24	24	21	19	16	16	18	19	19	20	20	27	38	47	45	45	46	44	39	36	33	30	29
MEAN	23	22	22	20	18	17	17	21	24	29	33	37	40	42	44	45	44	44	40	35	32	29	26	24	30.4

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF OATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INOICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - 5W NO 10001 COLLEGE OF AGRICUTURAL TECH, HURON PARK MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	24	23	21	20	21	21	21	19	23	25	26	26	23	28	29	27	26	27	28	30	30	32	27	25
2	14	11	9	9	10	3	11	11	11	12	14	16	14	14	15	17	19	20	21	19	17	16	17	17	14
3	16	14	12	10	13	14	18	21	22	22	23	24	25	25	24	23	21	20	19	17	12	10	9	5	17
4	5	5	6	6	7	8	9	13	16	19	20	23	22	21	23	23	22	22	21	21	21	21	18	17	16
5	15	13	13	14	14	11	14	18	19	20	21	21	22	22	22	22	23	23	23	22	17	12	12	13	18
6	13	10	7	6	7	7	7	11	17	20	21	23	25	26	27	24	24	24	24	20	15	9	8	11	16
7	12	4	4	3	4	4	5	9	19	24	26	26	29	29	30	32	32	36	31	29	23	16	15	15	19
8	18	14	15	9	8	7	9	19	26	32	40	48	47	45	58	60	56	59	55	49	48	54	35	40	35
9	37	34	42	37	37	37	29	23	23	22	19	22	29	29	31	35	25	22	21	26	34	32	27	25	29
10	19	17	17	16	15	16	15	17	19	21	24	23	22	23	31	46	43	36	36	35	29	21	14	15	24
11	15	15	17	12	12	12	14	19	26	39	43	49	45	48	51	65	60	64	47	44	40	37	34	28	35
12	21	14	12	13	12	6	10	16	****	35	44	49	50	46	45	****	55	53	46	39	32	20	2	3	28
13	8	10	10	9	10	9	14	21	37	60	65	68	69	68	73	78	80	68	47	36	35	27	24	22	40
14	31	26	24	26	21	14	15	26	37	51	64	74	82	85	97	98	90	87	92	74	62	56	48	42	55
15	44	43	39	30	25	20	18	26	32	41	49	51	55	55	55	57	56	56	50	42	38	28	8	8	39
16	27	20	18	12	9	6	8	22	30	27	30	32	30	30	31	30	29	28	25	21	18	13	10	7	21
17	7	6	7	8	10	9	10	13	18	21	21	23	26	26	27	28	25	24	23	22	19	19	17	14	18
18	12	9	9	9	9	8	10	15	****	24	26	30	31	31	32	32	31	30	28	24	19	6	4	7	19
19	3	5	7	7	11	8	14	23	39	55	69	71	84	83	84	82	69	55	50	34	28	30	44	42	42
20	43	43	41	40	30	32	37	41	55	71	76	80	79	79	78	76	73	71	61	44	31	18	26	33	52
21	20	16	20	28	25	22	38	55	75	100	107	105	104	106	111	117	120	120	114	96	85	76	65	62	74
22	67	65	60	53	53	55	54	54	70	84	99	111	122	123	121	116	114	116	108	98	81	80	77	74	86
23	81	66	60	61	49	69	56	63	66	63	63	74	82	80	82	83	85	82	79	70	61	45	44	47	67
24	55	56	45	39	28	22	23	22	22	30	41	****	****	43	25	31	38	35	35	34	30	26	22	19	33
25	19	16	12	8	7	8	11	14	16	19	19	18	24	25	23	23	22	20	20	19	17	16	16	19	17
26	17	14	17	19	13	9	7	8	9	10	11	12	13	13	14	16	18	23	27	21	11	6	4	8	13
27	8	9	18	18	17	15	17	21	21	21	21	24	25	28	30	32	36	40	42	35	25	24	19	23	24
28	27	28	28	27	27	20	18	21	31	42	40	43	39	35	36	41	36	34	27	19	9	7	4	2	27
29	2	2	0	0	.0	2	6	12	18	22	24	27	29	30	30	31	32	32	29	19	9	4	1	2	15
30	6	8	7	7	6	3	7	14	18	27	37	41	46	45	46	46	44	43	49	43	44	5D	46	42	3D
31	38	34	33	33	31	22	18	17	21	24	32	41	40	19	32	36	38	46	44	33	32	30	25	25	31
MEAN	23	21	20	19	17	16	18	22	29	35	39	43	45	44	46	48	47	46	43	37	31	27	23	23	31.6

PERCENTAGE OF DATA VALIO - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - D.D

NDTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH, HURON PARK MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	26	22	17	15	13	15	16	19	23	28	34	39	38	33	31	32	32	28	29	23	18	20	20	25
2	27	33	39	40	35	31	23	26	34	30	21	22	23	24	26	27	29	34	36	34	25	22	21	21	28
3	23	18	17	16	16	12	11	15	24	41	46	50	63	****	-	-	-	-	-	-	-	-	-	-	******
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20	-	-	-	-	-	-	-	-	-	-	****	45	45	46	50	51	52	52	46	21	19	24	18	13	******
21	18	26	23	15	11	10	10	16	26	36	43	54	50	49	57	58	48	41	35	15	7	9	21	16	29
22	24	17	11	9	8	7	10	11	22	26	39	56	67	67	63	61	68	64	59	56	56	59	49	38	39
23	40	37	34	28	20	19	15	14	16	25	43	56	58	59	61	63	69	70	54	52	43	40	37	39	41
24	40	37	34	27	26	24	22	22	22	26	35	42	53	56	55	58	59	60	58	52	41	45	45	48	41
25	44	41	29	21	15	12	11	11	27	38	42	51	60	60	63	61	56	53	47	29	26	12	4	0	34
26	2	7	10	14	14	11	15	20	28	32	35	41	48	47	49	52	57	56	49	41	37	39	32	25	32
27	28	25	12	12	13	11	10	11	23	41	47	54	57	56	55	57	60	60	55	45	36	42	43	32	37
28	25	24	24	24	23	16	17	16	15	23	35	42	57	57	58	57	63	59	54	46	44	46	53	44	38
29	42	39	36	35	32	28	25	24	29	28	35	41	50	50	45	49	54	53	46	33	23	22	21	18	36
30	16	13	12	8	11	11	13	13	24	38	46	52	52	54	54	45	44	44	37	19	9	4	3	0	26
31	0	1	5	8	7	4	3	9	15	26	32	38	41	46	47	49	60	58	49	36	25	22	19	26	26
MEAN	25	25	22	20	18	15	14	16	23	31	38	45	51	51	51	51	54	53	47	36	30	29	28	24	33.2

PERCENTAGE OF DATA VALID - 45.4 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 54.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH, HURON PARK MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	12	19	25	27	31	28	29	47	72	95	95	85	89	94	106	110	105	102	94	84	77	68	58	66
2	56	54	45	39	35	34	30	29	28	28	31	36	41	45	52	59	59	66	61	54	41	33	25	25	42
3	40	34	27	23	19	13	10	14	20	24	27	29	34	34	36	37	34	25	16	14	12	12	10	9	23
4	7	7	5	5	4	3	2	5	9	14	27	34	37	43	44	44	46	46	38	18	15	17	15	19	21
5	23	19	17	16	17	18	14	22	32	38	51	66	82	93	94	94	93	94	76	55	41	24	26	25	47
6	31	27	19	14	12	10	7	9	29	58	75	81	89	82	****	-	-	-	-	-	-	-	-	-	******
7	30	26	25	16	13	10	7	17	17	20	23	25	25	24	22	22	22	23	26	28	27	24	21	20	21
8	18	20	19	14	14	16	15	19	21	23	27	29	29	28	29	30	30	29	27	22	18	15	14	9	21
9	12	15	16	16	10	8	10	17	27	30	32	37	37	39	40	40	43	40	37	34	34	31	34	36	28
10	37	42	41	37	31	31	37	42	44	47	48	42	47	53	47	36	34	29	26	24	16	15	13	10	35
11	11	8	9	13	12	7	11	14	16	****	****	31	36	40	42	41	37	30	24	26	29	30	27	19	23
12	23	25	23	20	19	16	13	15	19	25	37	55	70	77	79	79	80	73	59	58	51	43	42	43	44
13	47	41	39	34	26	22	26	30	35	45	51	59	****	****	62	68	75	76	65	52	47	41	36	35	46
14	32	23	22	21	20	19	18	18	20	17	16	18	18	16	17	18	18	17	14	13	13	13	13	12	18
15	12	13	13	15	16	17	17	16	15	15	18	23	26	30	32	34	36	37	31	24	20	18	14	13	21
16	11	10	10	10	10	9	10	11	23	32	35	30	34	39	44	47	48	51	46	35	29	29	28	27	27
17	31	29	29	26	19	16	15	17	28	43	54	60	58	72	70	64	58	49	58	47	44	44	44	43	42
18	43	40	31	24	20	17	16	25	36	46	57	60	64	72	71	68	49	29	22	18	15	13	13	13	36
19	17	20	22	22	22	22	20	13	20	25	25	25	****	28	26	25	26	25	19	14	7	8	12	9	20
20	11	14	16	16	12	11	7	13	15	26	29	34	39	41	42	30	32	34	35	38	35	37	35	32	26
21	30	29	25	21	17	13	11	10	12	33	31	29	29	26	25	23	22	23	17	10	7	12	12	9	20
22	3	0	0	1	4	5	5	8	11	17	19	20	23	24	25	26	26	27	22	13	11	11	11	6	13
23	7	5	7	8	8	7	8	9	15	19	22	24	28	28	28	30	32	32	20	17	18	16	11	5	17
24	9	13	14	15	4	4	4	11	16	18	23	26	30	32	32	34	37	38	36	32	31	32	30	29	23
25	28	26	22	19	16	13	8	8	17	38	45	61	64	62	59	63	64	58	48	32	15	18	20	21	34
26	24	20	18	16	12	9	6	9	14	23	30	35	39	38	38	36	36	30	16	11	14	15	13	17	22
27	19	19	20	23	23	19	13	14	25	31	35	43	42	59	61	60	53	49	39	30	26	28	34	37	33
28	37	34	31	25	20	16	14	13	16	22	25	26	30	34	35	30	31	28	22	13	6	5	9	19	23
29	28	32	28	23	18	14	12	10	10	12	15	24	42	54	65	67	61	54	42	40	38	36	31	31	33
30	32	34	31	32	32	28	21	18	19	23	29	47	63	66	72	70	57	53	40	32	29	30	24	21	38
MEAN	24	23	21	20	17	15	14	16	22	30	36	40	44	47	48	48	47	44	37	31	27	25	24	22	29.9

PERCENTAGE OF DATA VALID - 97.9 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH. HURON PARK MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	19	22	20	19	15	17	17	22	23	29	36	44	38	33	39	30	25	15	9	6	3	0	4	21
2	7	7	5	7	15	20	11	11	11	16	23	29	40	42	29	29	29	29	30	31	33	17	21	29	22
3	26	22	21	19	18	14	11	9	9	17	20	14	11	21	23	29	27	27	22	20	17	29	26	24	20
4	22	16	13	13	13	7	11	9	19	20	17	18	22	26	26	29	29	21	14	10	5	1	4	2	15
5	2	3	3	4	3	5	6	6	7	14	27	30	29	29	29	29	27	21	17	21	30	24	18	19	17
6	21	17	12	5	4	4	5	7	11	14	14	15	18	14	12	12	12	12	13	11	12	18	14	13	12
7	18	17	17	17	17	18	17	17	17	15	15	14	15	16	16	17	19	20	18	20	21	25	24	24	18
8	25	25	25	23	23	18	16	14	14	16	17	14	15	16	14	13	7	3	6	10	8	8	9	12	15
9	14	18	25	18	16	18	19	20	23	25	26	25	26	25	24	23	23	23	19	19	21	21	18	16	21
10	18	15	12	10	11	9	4	10	16	17	13	16	21	****	20	20	23	25	21	16	15	15	10	8	15
11	7	7	7	7	6	2	2	5	****	****	****	16	16	19	21	21	19	16	16	18	18	15	15	13	13
12	13	12	11	7	4	4	5	9	10	13	15	18	18	14	10	13	17	19	18	22	23	25	24	22	14
13	16	15	14	12	12	12	17	19	19	18	18	18	18	19	21	24	26	27	25	23	27	27	24	24	20
14	25	23	24	25	27	28	27	27	27	27	27	28	29	29	29	28	28	26	24	21	20	18	15	13	25
15	14	11	9	5	4	6	6	7	7	8	9	11	14	16	22	29	32	30	19	8	11	11	5	6	13
16	4	4	4	5	0	0	2	4	9	13	16	18	20	24	27	30	30	24	13	8	6	3	0	0	11
17	0	0	2	3	2	3	0	2	2	****	2	4	2	2	6	8	12	15	16	16	17	20	22	21	8
18	16	10	7	17	18	18	17	13	14	15	14	15	20	26	29	35	30	22	11	11	11	13	13	11	17
19	10	11	18	13	7	5	4	4	7	12	22	32	42	49	51	52	50	48	47	49	46	40	36	35	29
20	32	29	27	23	21	21	21	21	23	26	32	34	34	34	37	35	34	38	39	41	40	36	33	30	31
21	34	34	34	34	31	28	27	26	25	24	26	28	31	31	35	42	45	38	33	31	26	23	22	23	30
22	22	20	19	18	17	14	13	13	15	19	22	29	34	35	44	51	56	52	44	36	31	24	25	25	28
23	27	27	28	31	31	24	9	9	****	4	5	6	7	6	5	5	8	9	10	9	9	9	12	12	13
24	14	15	17	18	19	19	18	16	15	16	17	17	16	16	18	19	21	21	21	21	21	24	29	31	19
25	31	31	30	30	29	29	28	28	28	28	28	27	27	27	27	25	27	27	27	27	28	26	26	23	28
26	23	23	24	26	27	25	26	26	24	22	24	25	25	25	25	25	25	26	26	26	24	22	20	20	24
27	16	15	15	15	13	13	12	10	9	9	10	10	12	18	19	14	11	15	14	10	5	0	1	1	11
28	5	6	8	11	13	12	11	15	18	19	19	18	18	16	16	16	16	19	20	20	20	20	21	23	16
29	22	22	23	24	22	18	16	13	12	10	14	14	15	14	14	16	17	14	8	6	6	3	5	7	14
30	10	10	10	13	13	14	11	3	5	13	14	19	20	22	22	21	18	13	15	17	18	17	14	13	14
31	14	14	14	8	9	10	11	12	12	14	17	22	28	29	37	40	39	32	14	23	21	21	21	22	20
MEAN	17	16	16	16	15	14	13	13	15	17	18	20	22	23	24	25	25	24	20	20	19	18	17	17	18.5

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH. HURON PARK MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	20	21	21	21	21	22	22	22	22	22	23	23	21	25	27	23	16	6	12	21	16	16	20
2	15	15	11	10	9	9	9	10	14	21	23	23	20	20	21	22	24	20	16	10	10	9	8	8	15
3	12	12	9	8	6	5	3	5	9	10	11	15	23	25	23	18	17	20	21	19	20	21	20	20	15
4	22	20	19	19	14	12	11	11	10	14	21	23	24	24	26	26	26	21	11	8	10	13	13	11	17
5	13	13	13	13	9	7	7	7	7	6	10	18	18	18	18	14	12	9	6	3	0	0	0	4	9
6	6	5	3	3	3	2	1	1	2	7	7	5	5	5	9	7	0	0	0	5	9	13	16	16	5
7	18	18	21	24	26	26	27	28	27	26	26	26	24	22	20	19	16	14	13	10	9	10	9	11	20
8	10	10	12	14	15	15	14	12	12	12	11	9	6	7	10	17	20	18	21	19	17	12	5	5	13
9	5	1	2	2	3	3	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
10	****	****	****	****	****	****	****	****	****	****	21	21	22	21	22	21	19	15	14	14	18	****	17	18	******
11	18	16	15	12	9	5	3	11	17	21	19	18	20	22	21	18	18	17	14	14	16	18	16	16	16
12	18	17	16	16	15	14	****	9	9	11	16	18	19	19	19	19	19	14	6	****	****	****	****	****	15
13												- DATA INVALID -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	14	13	13	13	12	11	10	12	13	15	17	18	19	19	19	19	18	16	13	11	12	13	12	13	14.3

PERCENTAGE OF DATA VALID - 35.3 PERCENTAGE OF DATA INVALID - 6.8 PERCENTAGE OF DATA UNAVAILABLE - 57.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH, HURON PARK MONTH - OEC 79

HOUR / OAY	1	2	3	4	5	6	7	B	9	10	11	12	13	14	15	16	17	1B	19	20	21	22	23	24	MEAN
1												- OATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- OATA UNAVAILABLE -													
4												- OATA UNAVAILABLE -													
5												- OATA UNAVAILABLE -													
6	-	-	-	-	-	-	-	-	-	****	****	****	13	11	7	6	4	2	0	0	0	0	0	2	******
7	3	2	0	1	1	3	5	7	7	7	7	7	10	10	10	10	10	14	10	5	4	4	12	14	7
8	14	15	1B	1B	17	17	17	17	16	15	14	15	15	16	17	17	17	14	14	14	13	12	12	12	15
9	17	16	14	B	7	3	5	5	10	12	12	14	14	12	10	B	6	3	5	9	9	9	9	B	9
10	9	11	B	6	3	4	5	6	B	9	10	9	7	B	7	5	3	5	6	6	B	10	10	9	7
11	9	9	9	9	9	9	9	9	9	12	12	14	1B	20	22	22	22	20	20	19	1B	16	16	16	15
12	17	14	12	10	10	14	13	13	13	****	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
13												- OATA UNAVAILABLE -													
14												- OATA UNAVAILABLE -													
15												- OATA UNAVAILABLE -													
16												- OATA UNAVAILABLE -													
17												- OATA UNAVAILABLE -													
1B												- OATA UNAVAILABLE -													
19												- OATA UNAVAILABLE -													
20												- OATA UNAVAILABLE -													
21												- OATA UNAVAILABLE -													
22												- OATA UNAVAILABLE -													
23												- OATA UNAVAILABLE -													
24												- OATA UNAVAILABLE -													
25												- OATA UNAVAILABLE -													
26												- OATA UNAVAILABLE -													
27												- OATA UNAVAILABLE -													
2B												- OATA UNAVAILABLE -													
29												- OATA UNAVAILABLE -													
30												- OATA UNAVAILABLE -													
31												- OATA UNAVAILABLE -													
MEAN	12	11	10	9	B	B	9	10	11	11	11	12	13	13	12	11	10	10	9	9	9	9	10	10	10.2

PERCENTAGE OF OATA VALIO - 19.0 PERCENTAGE OF OATA INVALIO - 0.5 PERCENTAGE OF OATA UNAVAILABLE - BO.5

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY ANO 2-HOURLY OATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH, HURON PARK

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM REAOING
JAN	20	23.4	55	57
FEB	2B	27.3	47	58
MAR	27	26.B	36	53
APR	2B	24.5	34	63
MAY	31	23.6	3B	64
JUN	30	30.4	54	B6
JUL	31	31.6	B6	123
AUG	13	33.2	41	70
SEP	29	29.9	66	110
OCT	31	1B.5	31	56
NOV	10	14.3	20	2B
OEC	5	10.2	15	22
YEAR	283	25.9	B6	123

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 10001 COLLEGE OF AGRICUTURAL TECH, HURON PARK

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	91	263	96	25	0	0	0	0	475
FEB	53	335	265	11	0	0	0	0	664
MAR	31	404	228	1	0	0	0	0	664
APR	22	554	85	13	0	0	0	0	674
MAY	59	537	130	17	0	0	0	0	743
JUN	63	362	187	101	5	0	0	0	718
JUL	107	359	149	83	24	14	3	0	739
AUG	27	135	107	69	0	0	0	0	338
SEP	71	365	175	74	16	4	0	0	705
OCT	152	517	64	5	0	0	0	0	738
NOV	82	172	0	0	0	0	0	0	254
DEC	81	60	0	0	0	0	0	0	141
YEAR	839	4063	1486	399	45	18	3	0	6853

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
78.2	0	8.8	17.2	23.1	29.5	44.3	54.2	66.7	79.6	123	25.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	****	-	-	-	-	-	-	****	6	4	3	****	3	2	2	5	6	5	5	3	******
2	3	13	13	13	13	11	7	1	****	4	5	9	12	13	13	9	9	8	8	7	-	-	-	3	9
3	3	4	6	6	4	4	3	1	1	5	7	6	9	13	14	7	4	2	3	3	4	2	3	3	5
4	8	10	10	7	5	4	5	3	2	5	7	10	9	11	10	6	5	4	2	2	1	0	0	0	5
5	0	2	3	3	3	4	1	0	0	2	5	8	6	6	4	3	0	****	0	1	1	0	****	1	2
6	1	1	1	0	0	0	0	0	1	5	9	12	8	9	10	13	10	4	1	0	1	1	0	0	4
7	0	0	0	0	0	0	0	0	0	1	2	4	6	5	3	2	3	1	1	2	3	7	9	8	2
8	3	4	8	13	18	14	10	7	4	7	9	14	14	13	10	8	4	2	4	7	5	2	0	2	8
9	3	2	1	1	4	3	2	0	2	4	7	8	10	6	5	5	3	2	2	1	0	0	0	0	3
10	0	0	0	0	0	0	0	0	1	0	2	11	16	****	15	12	8	5	4	2	1	0	****	0	4
11	0	0	0	0	0	0	0	0	0	1	1	7	9	15	15	15	10	4	1	-	-	1	0	2	4
12	4	4	3	1	0	0	0	1	1	1	5	9	10	12	9	7	3	0	-	-	0	0	0	0	3
13	0	0	0	0	0	0	0	0	1	2	3	3	3	3	3	1	0	0	0	0	0	0	****	0	1
14	0	0	0	0	4	8	10	14	16	17	18	21	21	22	21	21	19	18	12	14	14	14	18	18	13
15	17	2	2	3	1	0	0	0	1	3	4	5	9	5	5	2	3	4	2	0	0	0	9	6	3
16	1	0	0	0	0	0	0	0	1	4	6	9	9	9	8	7	5	1	0	0	0	0	0	0	3
17	0	0	0	0	0	0	0	0	0	0	1	1	2	9	15	15	10	4	8	13	14	15	20	13	6
18	11	11	15	14	13	8	3	0	1	9	-	-	47	14	16	14	7	4	2	1	0	0	1	2	9
19	5	8	14	17	14	8	6	4	2	48	9	10	-	8	9	6	5	6	7	5	1	0	0	0	8
20	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	2	3	5	9	5	4	5	3	3	4	1	5	11	11	8	3
22	8	9	11	16	18	-	6	5	3	10	17	18	16	12	14	13	6	****	0	5	1	8	12	8	10
23	3	0	2	7	10	9	5	2	3	7	10	12	13	10	10	9	4	0	0	0	0	0	0	0	5
24	0	*0	0	1	3	3	3	5	4	-	****	3	3	3	2	1	0	0	0	0	0	0	4	7	2
25	9	11	13	14	15	15	13	9	5	43	10	11	13	12	11	9	6	6	7	7	8	7	7	5	11
26	7	13	14	14	14	10	4	1	1	3	4	5	7	6	5	4	3	0	0	1	4	10	5	0	6
27	0	0	0	0	0	0	0	0	1	1	3	5	11	12	10	10	2	0	2	3	1	0	0	2	3
28	7	7	6	2	7	10	11	6	7	6	8	9	9	9	8	7	9	8	7	8	10	10	10	11	8
29	12	16	18	19	19	18	15	9	9	7	15	15	14	15	13	8	4	5	4	3	5	4	8	11	11
30	11	15	19	20	19	16	12	4	6	14	17	17	15	13	15	13	7	-	8	12	5	7	8	8	12
31	8	7	6	5	1	3	0	0	1	3	6	9	12	11	11	10	7	5	2	7	5	4	8	9	6
MEAN	4	4	5	6	6	5	4	2	3	7	7	9	11	10	9	8	5	4	3	4	3	4	5	4	5.5

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 2.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	14	14	12	11	9	8	10	9	13	14	18	20	22	21	****	17	11	7	3	2	3	1	1	11
2	0	0	1	1	1	0	0	0	1	1	1	4	10	14	10	7	7	4	1	0	0	0	0	0	3
3	0	0	0	0	0	2	2	0	1	2	6	9	12	13	12	13	11	8	4	4	4	2	0	0	4
4	0	1	5	9	11	14	12	12	15	15	19	25	27	26	26	25	22	20	15	15	15	16	10	11	15
5	12	14	12	8	13	12	2	1	2	9	13	16	16	17	17	16	-	8	3	2	0	0	0	0	8
6	0	0	1	0	0	0	0	0	1	6	11	18	24	20	17	15	12	5	1	1	2	0	1	2	6
7	1	1	0	0	0	0	0	0	0	3	5	4	4	7	6	3	4	10	11	13	16	12	10	11	5
8	9	6	8	9	1	0	0	0	1	11	16	17	17	17	18	15	12	11	10	3	11	7	8	10	9
9	7	8	12	6	8	8	2	0	1	3	4	5	8	12	13	12	9	5	1	0	0	1	3	4	6
10	3	2	0	0	0	0	0	0	9	18	18	19	19	19	20	16	14	8	6	2	7	10	6	14	9
11	15	9	11	15	17	20	18	16	18	22	25	26	26	26	24	22	19	17	14	9	8	12	12	13	17
12	13	13	12	9	8	7	8	10	9	9	8	12	12	15	18	15	13	12	6	9	13	8	8	14	11
13	9	5	9	10	11	6	2	2	4	4	6	9	12	14	10	12	12	9	6	6	4	3	7	4	7
14	5	10	13	11	12	15	15	16	7	18	19	19	22	18	14	12	7	6	8	9	9	10	10	11	12
15	11	4	6	2	2	3	6	8	9	13	17	20	19	21	21	19	17	16	-	14	9	6	6	5	11
16	9	11	8	5	8	7	4	1	3	8	13	10	45	20	22	19	13	11	9	14	14	-	15	14	12
17	14	14	13	7	9	12	15	19	21	22	23	24	20	20	21	19	17	16	10	8	15	21	17	16	16
18	15	16	10	14	14	11	10	7	9	15	23	24	25	23	23	23	20	18	14	15	-	13	13	****	16
19	9	9	6	5	0	0	0	0	1	3	8	10	14	11	14	20	19	16	4	8	5	1	3	3	7
20	2	2	4	6	4	3	0	1	5	12	14	17	24	28	27	31	27	30	26	21	14	14	16	10	14
21	7	12	13	14	13	15	18	16	29	****	****	10	3	0	5	5	4	3	18	35	39	37	37	34	17
22	34	33	31	25	21	15	6	6	10	13	10	27	36	38	32	29	22	19	24	27	28	27	28	32	24
23	29	28	33	31	21	6	3	0	8	9	1	2	22	2	1	1	0	0	0	0	0	1	2	11	9
24	2	2	1	7	18	13	13	6	10	22	27	24	21	20	17	21	19	18	13	0	0	0	0	0	11
25	0	0	0	0	11	19	19	19	20	19	20	19	16	17	17	19	19	20	21	22	21	24	25	****	16
26	28	29	28	27	17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	12	6	2	0	0	0	0	0	******
28	0	0	0	0	0	0	0	1	1	3	13	23	35	37	31	26	17	18	15	22	16	17	16	11	13
MEAN	9	9	9	9	9	8	6	6	8	11	13	16	20	18	18	17	14	12	10	10	10	9	9	9	11.1

PERCENTAGE OF DATA VALID - 93.5 PERCENTAGE OF DATA INVALID - 6.0 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	11	11	8	8	5	4	0	1	2	1	1	1	1	1	1	****	0	0	0	1	5	2	2	3
2	1	3	1	3	2	1	0	0	1	3	4	7	11	16	13	7	6	-	****	1	1	6	12	10	5
3	4	3	8	6	1	0	0	1	3	7	9	16	24	32	29	20	18	21	19	28	31	35	34	31	16
4	31	32	32	31	37	37	37	37	35	32	33	32	33	31	37	39	35	22	13	6	4	3	6	5	27
5	10	12	11	10	12	14	13	4	8	9	15	20	12	13	17	15	11	12	11	7	7	6	7	10	11
6	9	10	11	13	15	12	8	5	3	5	17	20	14	9	11	12	12	11	2	2	1	0	1	1	9
7	-	****	1	1	0	0	0	0	2	7	13	16	17	13	17	20	22	6	6	6	9	12	9	16	9
8	19	26	26	15	13	3	1	2	1	****	17	23	26	25	30	33	27	16	12	3	5	3	0	3	14
9	4	7	10	5	12	1	1	1	1	6	7	14	19	15	6	4	4	8	9	3	0	0	0	0	6
10	0	2	9	7	7	8	7	9	16	20	23	23	23	23	26	22	22	19	16	16	18	17	17	20	15
11	22	18	18	16	18	19	10	8	11	16	16	17	18	18	16	16	15	13	8	8	12	14	14	12	15
12	11	18	27	27	24	20	9	5	9	18	21	24	25	****	****	24	23	20	15	8	5	6	-	3	16
13	7	8	10	12	14	10	6	7	11	15	16	17	20	21	28	22	28	19	16	15	9	10	17	27	15
14	20	26	28	26	24	22	16	16	17	20	26	26	22	20	23	23	19	22	21	19	23	23	25	23	22
15	24	28	24	26	27	23	20	15	17	21	23	25	28	25	22	23	21	****	****	****	****	****	****	****	23
16	****	****	****	****	****	-	****	****	****	****	****	****	****	****	****	23	22	13	4	0	0	0	0	0	******
17	0	0	0	0	0	0	0	1	31	16	19	21	23	27	31	30	30	21	8	4	3	6	6	4	12
18	5	6	11	19	18	11	8	4	10	16	20	29	19	37	42	34	50	48	44	31	30	20	18	15	23
19	34	43	51	44	38	32	20	14	16	17	13	18	22	18	10	9	7	7	11	12	13	13	12	12	20
20	11	11	14	12	14	10	10	5	4	18	29	10	14	13	13	10	4	-	****	0	0	****	1	1	10
21	0	1	0	2	1	6	8	5	2	13	16	23	21	18	****	17	21	20	15	7	4	0	0	3	9
22	1	0	0	0	0	0	0	1	9	12	21	22	24	25	27	25	19	15	6	3	27	28	34	37	14
23	35	31	14	10	10	6	1	7	20	21	31	40	40	42	35	32	29	33	35	31	28	30	30	29	26
24	26	21	18	22	23	24	8	15	12	18	19	17	14	12	15	16	18	8	12	10	7	6	5	5	15
25	8	9	6	3	4	9	13	4	7	12	10	14	11	12	7	5	5	2	2	8	9	10	9	18	8
26	20	20	22	20	22	20	16	16	16	23	25	27	27	28	23	23	21	13	20	18	21	18	14	24	21
27	28	26	25	24	22	15	7	9	13	54	25	29	31	28	27	28	23	21	14	10	10	5	3	1	20
28	2	7	17	18	16	12	9	12	19	25	26	24	22	20	17	9	10	6	9	12	11	14	16	7	14
29	3	3	12	3	****	3	3	7	3	2	10	8	5	0	2	1	1	3	0	4	22	14	8	10	6
30	9	2	4	6	23	28	19	11	-	14	42	15	15	18	35	26	22	13	7	7	14	10	10	17	16
31	6	1	1	8	13	14	13	11	13	15	13	11	13	14	10	8	12	12	12	17	17	17	19	19	12
MEAN	12	13	14	13	14	12	9	8	11	16	19	20	20	20	20	19	19	15	12	10	11	11	11	12	14.2

PERCENTAGE OF DATA VALID - 95.0 PERCENTAGE OF DATA INVALID - 4.2 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	16	22	27	25	30	30	26	22	22	21	20	16	16	20	15	15	19	19	17	13	14	11	9	19
2	7	7	5	7	11	8	6	3	0	0	2	2	****	****	17	21	12	6	2	4	6	13	13	18	8
3	18	18	16	21	26	21	5	5	7	57	21	26	27	28	28	27	28	26	24	20	18	16	7	9	21
4	16	17	22	20	16	17	14	14	13	15	12	13	13	13	11	3	****	3	4	4	4	6	6	5	11
5	7	10	16	19	16	****	5	5	-	-	****	18	20	25	26	31	33	33	31	25	19	21	32	36	21
6	25	20	27	30	29	26	23	22	22	24	****	25	26	27	26	25	34	****	16	17	18	10	10	12	22
7	13	9	12	11	14	13	10	15	21	26	25	26	27	28	29	25	25	26	19	10	10	13	11	10	18
8	12	23	25	26	26	29	31	26	28	28	28	30	21	20	22	21	20	21	22	23	22	20	21	15	23
9	12	15	15	15	24	20	18	16	14	18	27	25	22	23	21	20	19	19	14	12	8	7	2	0	16
10	0	0	0	0	0	0	2	2	7	8	39	25	23	22	26	33	32	30	25	18	14	4	7	5	13
11	7	9	19	27	27	24	24	24	27	28	25	19	17	****	26	24	20	20	23	30	25	18	21	20	22
12	20	24	25	25	25	26	22	20	17	18	13	8	10	11	13	23	20	20	21	18	16	12	6	3	17
13	4	4	6	7	6	6	3	2	4	7	2	0	5	5	6	6	2	1	0	1	4	18	24	26	6
14	40	34	19	1	3	9	7	7	13	24	26	31	33	36	37	38	38	30	34	36	33	29	26	24	25
15	26	30	31	30	28	26	25	26	26	26	25	24	27	27	27	24	25	20	18	18	15	21	15	22	24
16	19	19	23	24	23	20	15	12	11	13	12	14	14	15	19	25	21	****	16	7	****	8	7	3	15
17	0	0	0	0	0	1	0	3	7	19	28	26	28	-	-	29	30	32	16	17	****	6	8	1	12
18	4	0	0	0	0	0	0	5	9	16	25	****	-	-	39	38	30	25	****	****	12	7	6	2	11
19	0	0	6	2	11	3	2	5	6	20	36	35	27	39	49	48	14	44	35	13	8	0	1	0	17
20	5	1	0	0	0	1	1	5	25	40	37	44	0	55	49	38	36	47	33	12	11	16	17	12	20
21	6	0	1	2	0	0	2	2	7	17	17	16	11	9	6	3	6	9	4	0	0	0	0	1	5
22	1	2	9	14	16	16	11	9	13	9	10	17	26	31	27	18	29	33	22	19	15	20	9	6	16
23	5	3	0	0	2	1	0	1	5	14	16	43	51	54	58	60	55	56	53	36	17	23	18	17	25
24	24	34	33	25	19	9	3	8	4	58	****	****	46	46	51	53	49	43	39	29	23	20	23	32	31
25	24	16	13	15	12	****	1	1	8	18	7	24	28	32	33	24	21	24	21	4	5	9	6	5	15
26	14	17	23	25	25	23	20	13	12	17	32	8	33	40	39	27	3	3	2	4	8	11	9	12	18
27	10	14	14	15	16	18	15	12	8	****	10	14	14	11	13	17	12	5	5	10	10	9	5	5	11
28	11	16	17	15	22	24	20	21	11	10	14	19	14	11	19	15	6	5	6	8	7	6	4	0	13
29	0	0	0	1	7	8	6	14	28	24	15	19	24	24	27	29	31	32	32	24	18	18	18	15	17
30	19	13	16	18	15	18	12	10	12	11	8	9	8	9	7	7	6	17	14	23	20	14	11	11	13
MEAN	12	12	14	14	15	14	11	11	13	21	20	21	22	25	27	26	23	23	20	16	14	13	12	11	16.9

PERCENTAGE OF DATA VALID - 96.7 PERCENTAGE OF DATA INVALID - 2.5 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	15	14	10	4	1	2	5	11	22	26	28	29	30	32	26	28	26	24	22	12	14	13	17	18
2	23	26	25	31	25	7	6	14	27	31	37	43	27	43	45	45	46	43	38	42	37	29	23	18	30
3	19	17	22	24	32	39	35	31	33	18	25	22	21	37	52	26	30	27	25	27	24	21	15	11	26
4	15	9	11	11	8	2	0	1	6	7	7	13	13	10	9	9	-	11	14	9	1	0	0	0	7
5	5	1	4	6	4	4	6	15	22	24	28	28	36	35	40	35	18	14	18	25	24	27	30	30	20
6	31	24	9	1	4	6	11	17	24	28	33	38	45	49	59	66	64	59	46	49	50	53	48	43	36
7	39	33	28	****	10	4	7	15	25	25	33	47	54	58	59	57	64	74	68	50	44	39	35	23	39
8	23	23	18	17	17	13	8	14	20	23	38	57	63	70	74	71	69	68	60	52	45	32	32	25	39
9	15	10	5	2	0	0	3	8	13	23	30	45	49	50	54	56	49	46	41	25	20	18	16	11	25
10	11	7	8	7	1	0	1	1	6	15	22	33	36	43	45	31	49	49	41	34	29	15	13	18	21
11	16	16	14	25	10	6	3	3	8	28	44	66	78	66	34	36	43	40	35	26	25	18	18	19	28
12	18	13	12	11	11	9	12	10	12	15	15	18	14	13	6	10	8	6	2	1	2	1	0	0	9
13	0	0	0	2	2	1	4	7	8	16	24	26	29	34	42	45	46	47	41	39	32	23	15	17	21
14	5	13	8	6	11	14	15	14	17	16	****	36	32	29	32	29	28	28	22	23	12	10	1	0	17
15	3	15	16	3	2	2	3	5	12	22	****	34	30	37	34	34	30	30	29	23	18	18	14	14	19
16	18	19	21	6	0	0	1	5	15	27	32	32	35	37	32	29	32	35	34	29	9	13	24	22	21
17	-	33	7	****	9	1	4	9	32	36	38	41	41	42	42	44	51	50	47	33	28	27	21	29	30
18	42	40	22	15	7	1	3	5	7	40	29	34	49	55	70	76	78	78	69	45	48	44	33	33	38
19	31	36	22	15	9	7	10	22	****	****	45	57	68	73	76	79	73	66	48	40	27	23	1	0	38
20	4	16	24	33	32	27	31	30	29	30	37	38	42	56	54	62	76	72	61	36	10	5	14	34	36
21	****	9	24	34	****	17	9	10	32	23	26	27	29	33	32	32	27	22	13	3	1	12	8	3	19
22	4	4	12	13	1	1	9	13	22	27	30	33	35	36	35	35	35	30	28	30	26	26	25	****	22
23	21	34	37	32	29	24	17	17	19	20	25	26	42	44	48	47	44	48	25	19	26	26	24	25	30
24	28	28	28	25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
25	- DATA INVALID -																								
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	15	10	8	8	7	1	0	0	0	0	******
27	1	1	1	0	1	2	2	4	7	9	15	17	23	28	29	21	19	21	20	6	1	0	0	0	10
28	0	0	2	0	****	3	6	5	7	15	****	28	33	20	20	8	13	14	14	5	5	0	0	0	9
29	0	0	0	0	0	0	1	3	7	18	23	21	17	19	18	22	18	17	23	12	7	12	10	4	11
30	4	11	7	7	6	1	2	8	11	15	14	14	13	8	13	8	10	19	21	5	5	14	19	23	11
31	19	23	23	21	23	19	22	19	20	21	20	12	23	39	46	54	64	46	59	52	36	29	37	44	32
MEAN	15	16	15	13	10	8	8	11	17	22	28	33	36	39	40	38	40	38	34	26	21	19	17	17	23.4

PERCENTAGE OF DATA VALID - 90.5 PERCENTAGE OF DATA INVALID - 9.1 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	40	38	44	40	28	13	1	1	1	****	12	48	-	-	108	90	75	74	45	26	19	17	12	11	35
2	4	0	0	0	0	1	3	8	16	28	42	39	38	46	48	53	49	43	40	29	18	11	9	0	22
3	0	0	5	10	21	21	26	15	20	29	49	52	67	69	69	69	80	68	44	32	4	0	0	0	31
4	0	0	0	0	0	1	2	6	13	16	29	45	56	56	62	63	57	59	41	25	24	16	1	1	24
5	13	16	3	11	22	2	1	1	13	15	0	-	0	****	0	0	0	0	0	0	0	0	0	0	4
6	0	0	0	0	0	0	0	0	0	10	19	29	43	57	61	63	63	75	67	63	69	61	52	46	32
7	45	45	39	28	8	3	6	12	18	27	34	37	43	42	40	36	42	43	39	31	15	20	19	18	29
8	17	11	7	0	4	1	6	5	5	5	7	37	27	41	50	53	53	55	47	38	34	22	22	23	24
9	21	21	24	11	11	4	10	9	20	32	39	59	46	47	65	55	62	67	57	43	33	30	26	20	34
10	16	9	15	18	16	10	14	25	36	45	55	60	51	50	36	17	20	26	24	18	14	17	21	22	26
11	30	32	32	30	25	13	8	11	17	22	25	27	30	27	24	24	13	-	-	9	6	4	4	1	19
12	0	0	0	0	0	0	0	2	7	18	28	35	34	30	36	28	30	29	****	25	5	0	1	1	13
13	7	5	5	3	4	1	4	3	27	37	43	44	49	52	50	54	57	51	48	40	27	26	29	30	29
14	33	30	25	15	****	9	15	23	37	29	****	****	62	78	77	77	71	67	62	52	34	22	23	29	41
15	22	19	22	27	17	14	20	28	33	40	****	****	76	76	76	73	71	63	56	56	47	52	24	21	42
16	20	36	28	30	28	29	18	30	40	56	66	78	78	87	89	83	87	96	87	79	76	60	51	34	57
17	22	20	8	16	19	25	28	51	62	72	73	81	78	71	76	74	70	53	54	35	26	21	16	21	45
18	23	28	27	29	31	27	24	23	26	27	****	32	34	33	33	29	28	29	28	26	20	14	3	2	25
19	2	1	3	2	0	1	2	7	12	19	30	36	36	38	38	39	44	50	48	34	35	39	44	44	25
20	48	43	39	34	28	16	9	19	32	45	48	52	66	64	14	8	32	61	72	46	31	33	33	35	38
21	38	31	30	26	29	24	16	24	25	21	25	32	41	49	54	49	47	46	48	44	37	8	3	0	31
22	0	0	0	0	0	1	4	13	20	12	****	****	****	****	****	****	-	****	****	****	****	****	****	****	******
23												- OATA INVALIO -													
24												- OATA INVALID -													
25												- OATA INVALID -													
26	****	****	****	****	****	****	****	****	****	****	****	35	39	55	70	****	****	****	****	****	****	****	****	****	******
27	****	****	****	****	****	****	****	****	****	****	****	****	****	71	77	74	68	71	45	31	29	24	7	13	******
28	33	39	18	14	19	24	23	21	****	****	37	62	53	59	65	81	78	82	63	45	35	36	43	48	44
29	41	42	50	54	40	36	31	12	9	24	25	27	69	33	22	30	30	17	25	10	4	4	3	-	28
30	0	23	39	41	42	35	37	30	29	30	14	20	23	34	33	-	27	9	11	6	3	5	5	3	22
MEAN	19	20	19	18	16	12	12	15	22	29	33	44	47	53	53	51	50	51	46	34	26	22	18	18	30.1

PERCENTAGE OF DATA VALID - 81.0 PERCENTAGE OF DATA INVALID - 17.8 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	13	14	13	18	16	11	14	13	13	13	14	10	7	7	6	6	5	6	6	7	7	6	6	10
2	9	11	15	16	11	4	2	3	2	3	7	11	14	22	23	30	27	21	19	13	6	0	0	0	11
3	0	0	0	1	0	0	0	2	7	8	****	16	11	9	7	8	18	27	28	16	4	4	2	3	7
4	9	9	12	15	17	14	10	12	23	25	25	31	38	31	25	27	25	19	18	13	11	3	2	6	18
5	9	13	18	19	11	7	4	9	17	22	23	****	29	31	31	32	30	32	32	19	1	0	0	0	17
6	1	0	0	0	0	0	1	7	14	12	22	34	45	55	63	62	65	57	68	65	43	19	9	3	27
7	1	1	0	1	1	1	1	4	20	35	44	44	53	45	41	41	39	45	39	30	20	11	15	16	23
8	8	4	5	1	2	8	14	31	42	39	47	77	86	85	94	88	93	95	92	89	95	85	65	65	55
9	69	67	52	45	37	24	15	9	13	13	13	13	****	18	16	11	24	11	7	5	3	3	2	3	21
10	6	14	17	19	16	7	8	10	17	25	34	-	60	73	66	68	71	67	71	65	45	45	33	26	38
11	20	12	16	2	1	1	4	6	25	54	59	62	73	55	23	21	20	6	2	2	2	****	0	0	20
12	1	1	5	1	0	0	0	2	3	32	72	102	117	111	68	76	78	68	60	42	31	34	23	18	39
13	24	33	38	44	38	27	26	28	40	46	****	62	27	51	70	74	66	58	56	47	21	4	1	0	38
14	0	0	0	0	0	0	2	14	34	53	79	74	72	110	75	50	43	51	42	37	33	7	2	1	32
15	0	3	5	13	10	10	13	27	40	51	63	66	63	59	64	58	52	58	51	44	25	3	1	2	33
16	12	15	22	19	11	7	2	7	18	31	****	****	46	48	31	28	28	17	17	16	11	10	9	****	19
17	8	10	9	11	8	4	2	3	10	13	14	19	26	30	27	25	23	20	19	14	7	2	1	3	13
18	4	3	2	1	1	1	2	4	10	****	****	28	32	37	39	41	42	49	48	39	39	34	36	40	24
19	27	19	17	14	0	0	0	5	9	20	29	38	37	41	55	80	81	80	77	69	49	41	33	39	36
20	44	33	39	20	0	0	1	5	16	31	37	81	88	86	85	90	96	97	90	77	85	41	48	50	52
21	****	30	30	2	0	1	2	16	38	68	90	90	106	114	120	115	99	100	95	75	58	54	47	51	61
22	55	55	42	55	15	5	-	22	50	55	78	90	95	100	103	107	98	****	85	80	55	48	33	32	62
23	****	23	18	21	19	9	12	15	23	36	46	41	67	77	84	96	91	82	79	62	53	56	50	39	48
24	33	32	5	2	12	8	10	7	12	16	23	29	31	28	22	18	18	15	14	18	28	12	10	9	17
25	13	12	14	13	11	9	8	5	3	6	5	6	7	5	6	7	9	10	13	10	13	9	3	15	9
26	19	20	20	16	13	6	2	2	0	****	18	18	20	23	36	****	33	24	21	20	15	12	8	3	16
27	6	7	7	11	10	5	4	11	22	39	52	62	67	-	78	83	82	75	77	76	68	64	63	55	45
28	52	43	31	39	34	16	5	5	1	12	15	19	29	33	37	43	45	44	43	49	50	23	22	24	30
29	17	-	16	6	5	1	5	16	22	29	39	41	46	51	51	50	50	46	45	36	22	10	3	20	27
30	22	14	34	22	6	16	5	15	27	36	44	47	54	64	63	57	51	53	53	40	27	22	28	27	34
31	26	24	18	20	17	12	5	3	4	5	5	7	13	9	13	23	34	30	28	24	24	26	29	26	18
MEAN	17	17	17	15	10	7	6	10	19	29	37	44	49	50	49	51	50	45	45	39	31	23	19	19	28.9

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	31	30	28	23	14	3	6	14	19	21	21	15	21	21	24	19	7	2	0	0	0	0	****	15
2	0	0	5	9	21	13	6	5	7	18	26	28	30	32	25	****	****	****	****	****	****	****	****	****	******
3	****	****	****	****	****	****	****	****	****	****	92	47	53	56	60	52	46	44	36	20	11	8	12	18	******
4	9	4	0	1	0	0	1	11	49	53	64	74	69	69	65	72	60	58	25	2	9	3	6	5	30
5	8	4	6	5	3	1	3	7	15	34	46	44	38	30	27	35	28	40	43	36	26	17	14	8	22
6	3	17	30	27	21	13	6	8	9	13	22	29	36	39	32	31	30	30	25	13	18	10	5	0	19
7	1	0	1	5	2	6	13	25	35	****	40	40	****	45	48	54	49	47	73	66	58	44	35	23	32
8	20	18	6	1	1	0	1	5	24	38	29	26	40	30	31	45	31	****	17	15	10	13	17	13	19
9	10	5	6	22	22	15	5	4	6	6	11	14	22	34	26	33	40	47	46	39	33	26	21	31	22
10	25	2	2	4	19	19	21	24	30	28	25	35	43	39	38	37	29	34	30	17	20	24	21	17	24
11	16	16	15	13	12	11	9	10	12	15	18	20	22	24	26	26	25	24	23	15	12	10	5	2	16
12	2	1	3	6	7	6	9	12	17	23	25	32	38	39	41	44	43	45	40	27	12	7	1	0	20
13	1	0	0	0	0	0	0	3	12	25	38	42	36	36	26	24	22	28	32	27	28	9	18	21	18
14	17	13	6	7	7	5	2	5	10	15	16	17	17	20	22	21	19	18	-	16	10	13	10	13	13
15	17	18	20	20	18	11	5	4	9	16	16	18	23	26	28	25	26	25	22	10	8	3	1	0	15
16	0	2	0	0	0	0	0	3	11	15	25	32	33	30	44	36	28	18	16	15	1	0	3	10	13
17	9	13	8	0	0	0	0	****	****	15	12	16	13	19	19	16	13	16	28	27	25	****	34	35	15
18	40	41	32	22	17	2	6	10	8	8	5	7	12	8	7	12	21	21	13	7	0	1	0	0	13
19	1	16	14	10	14	17	15	20	32	35	35	40	43	52	63	55	54	33	40	43	21	10	21	26	30
20	20	14	16	19	16	14	8	7	7	17	27	41	33	28	25	14	15	14	14	22	13	10	11	11	17
21	17	11	7	7	5	1	8	10	14	15	18	33	36	36	41	38	39	38	33	15	1	2	3	2	18
22	6	6	6	9	16	18	10	9	14	15	21	30	33	41	43	48	50	50	47	43	31	26	19	16	25
23	12	18	26	14	22	13	9	5	14	18	22	26	39	29	23	11	12	11	25	24	20	17	13	10	18
24	12	10	7	4	8	6	6	6	6	16	15	21	52	34	34	30	25	36	29	18	20	14	8	1	17
25	0	0	0	4	6	5	2	3	5	10	16	24	33	36	32	21	28	21	15	6	0	2	18	22	13
26	22	26	28	33	32	30	49	27	30	29	30	35	38	37	33	29	41	38	43	39	31	26	21	23	32
27	26	14	8	7	5	0	0	4	9	9	16	29	41	46	46	42	44	40	35	27	27	26	21	24	23
28	18	10	7	8	1	0	0	0	****	14	25	30	41	48	45	42	39	37	26	29	30	31	19	22	23
29	26	21	17	6	0	1	5	15	17	21	21	18	21	24	31	26	34	26	11	4	10	3	0	0	15
30	0	4	7	9	1	0	0	5	6	91	23	34	56	60	60	46	41	36	27	27	17	6	12	9	24
31	1	2	4	3	2	1	2	10	18	17	21	****	****	****	****	****	****	****	****	****	****	****	****	****	******
MEAN	12	11	11	10	10	7	7	9	16	22	26	30	35	36	35	34	33	32	29	22	17	13	13	13	20.1

PERCENTAGE OF DATA VALID - 94.5 PERCENTAGE OF DATA INVALID - 5.4 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4	****	****	****	****	****	****	****	****	****	12	15	17	22	28	36	38	41	41	36	19	17	11	14	10	******
5	15	11	4	4	2	4	12	****	18	25	30	37	44	53	59	59	63	66	52	50	43	18	13	13	30
6	0	0	0	0	0	0	0	0	14	0	****	49	56	55	49	43	38	34	26	23	6	7	3	2	18
7	2	12	16	14	8	4	1	3	6	9	10	8	11	13	13	12	12	9	5	3	6	6	5	3	8
8	2	3	4	7	3	2	2	5	8	15	18	14	17	21	19	14	15	14	15	6	4	2	2	1	9
9	1	1	1	1	1	1	4	9	19	19	18	26	29	****	29	37	37	36	33	19	3	4	6	6	15
10	11	21	27	21	17	18	20	14	20	30	22	33	31	41	54	46	41	32	23	22	24	23	16	19	26
11	17	11	17	16	14	7	5	7	7	11	15	19	25	27	30	-	30	30	21	18	20	13	11	5	16
12	7	17	16	12	9	1	1	2	12	31	48	57	72	75	71	69	72	81	82	88	70	57	49	46	44
13	40	39	34	29	25	19	21	****	****	****	19	25	32	41	40	76	20	1	0	2	4	0	2	20	23
14	22	21	22	23	17	11	4	2	3	6	12	****	15	18	18	16	14	13	9	1	0	0	0	0	11
15	0	0	0	0	0	0	0	1	3	9	13	16	20	25	27	29	29	25	15	1	0	2	0	1	9
16	0	0	0	0	1	2	1	4	15	18	15	37	48	54	59	64	63	62	48	28	25	23	14	5	24
17	1	0	0	2	8	2	0	1	7	13	26	45	64	63	65	68	63	55	40	26	16	10	7	19	25
18	14	8	3	2	4	1	1	3	9	21	33	39	45	59	55	56	38	37	19	****	12	13	8	8	21
19	8	10	11	11	11	7	1	3	11	17	20	23	25	30	29	27	28	****	24	20	9	2	8	4	15
20	3	4	2	0	1	0	0	0	4	10	13	26	35	39	43	42	40	34	17	2	1	2	0	0	13
21	0	0	0	2	3	4	1	1	1	4	77	18	19	18	14	13	12	9	13	7	****	0	0	1	9
22	2	6	8	12	12	12	9	8	7	12	19	23	23	25	23	21	22	18	15	7	8	3	2	0	12
23	0	0	0	3	3	4	6	9	12	14	16	18	27	27	31	35	33	26	16	12	13	14	16	23	15
24	20	18	17	15	2	0	0	1	4	7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
25	****	****	****	****	****	****	****	****	****	****	****	37	42	44	53	42	41	43	19	16	10	12	7	6	******
26	6	3	2	1	0	0	0	1	4	10	17	20	30	36	42	48	46	37	11	2	1	0	0	0	13
27	0	0	0	0	0	0	0	0	6	27	51	70	77	77	73	77	76	71	52	37	31	29	25	32	34
28	27	27	27	21	16	12	5	3	8	12	11	15	35	25	31	30	21	22	9	1	0	0	0	0	15
29	0	0	0	0	0	0	0	1	2	8	14	21	33	71	69	67	72	55	38	29	33	24	8	9	23
30	9	9	13	10	12	8	2	4	13	20	39	29	49	61	69	69	65	56	37	10	4	5	5	1	25
MEAN	8	9	9	8	7	5	4	4	9	14	24	29	36	41	42	44	40	36	26	18	14	11	9	9	19.1

PERCENTAGE OF DATA VALID - 83.8 PERCENTAGE OF DATA INVALID - 16.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINOSOR MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	11	11	3	5	1	0	0	3	7	17	21	25	18	12	15	22	16	10	20	28	33	44	32	15
2	41	35	28	22	11	6	4	4	6	11	15	12	16	22	16	7	13	19	15	27	11	9	5	5	15
3	3	4	1	1	2	1	0	1	****	3	9	12	13	16	16	13	12	11	9	5	12	4	2	5	7
4	5	3	3	5	4	3	0	0	2	3	7	8	8	11	6	5	4	2	2	0	0	0	0	0	3
5	0	0	0	0	0	0	0	0	0	1	7	12	17	17	19	17	11	6	6	2	1	0	0	0	5
6	1	5	3	3	0	0	0	1	2	2	1	2	1	1	2	11	8	3	2	0	0	0	1	7	2
7	5	6	5	7	8	12	12	12	14	17	20	19	18	20	20	18	17	14	8	4	0	4	1	1	11
8	1	-	0	2	0	0	0	****	0	1	7	17	19	15	13	7	0	0	0	0	0	0	3	1	4
9	0	0	20	23	16	11	1	1	****	****	-	****	****	****	****	****	****	****	****	****	****	****	****	****	******
10	****	****	-	-	-	****	****	****	****	****	10	14	18	18	12	10	9	3	0	0	0	0	0	0	******
11	0	0	0	0	1	0	0	0	0	2	12	17	18	13	****	****	8	5	3	4	0	0	0	0	4
12	0	0	0	0	0	0	0	0	1	****	****	2	5	6	3	3	7	10	11	14	11	8	4	2	4
13	1	0	0	3	7	11	12	10	14	13	14	16	15	16	16	10	11	5	2	4	2	4	7	4	8
14	5	9	3	0	1	1	1	4	7	15	22	23	23	26	19	20	17	12	5	3	0	0	0	1	9
15	0	0	0	1	2	1	0	-	0	6	5	8	10	17	21	15	11	5	3	0	0	0	0	0	5
16	0	0	0	0	****	0	0	0	1	3	5	-	10	0	0	0	0	0	0	1	0	0	0	0	1
17	0	1	0	0	1	0	1	-	-	1	1	2	3	4	3	1	1	1	1	1	1	1	2	3	1
18	13	18	16	17	15	12	9	4	****	11	12	16	22	25	20	18	24	17	16	18	19	17	16	10	16
19	10	5	4	4	5	7	14	14	****	25	30	35	25	43	28	-	-	17	10	14	21	13	14	7	16
20	6	8	14	10	9	9	11	15	20	22	25	26	29	32	36	38	38	38	38	32	31	30	28	26	24
21	12	13	18	18	21	18	13	13	15	19	26	25	23	34	27	22	19	7	12	10	7	12	20	21	18
22	19	15	14	11	11	3	4	6	54	14	16	21	34	41	38	30	34	22	30	30	30	17	21	22	22
23	26	28	10	4	2	1	0	2	3	4	5	3	4	5	6	2	3	3	4	3	2	2	6	9	6
24	13	16	16	16	14	11	8	5	10	47	12	13	14	11	10	4	6	6	6	13	14	-	16	15	13
25	20	25	27	26	26	19	13	6	9	9	9	12	14	7	6	4	6	7	8	9	12	14	9	7	13
26	2	3	2	17	22	15	9	8	7	12	11	12	13	-	48	11	8	6	2	0	0	0	0	6	9
27	0	0	0	0	0	0	2	4	8	-	15	18	18	18	15	17	16	9	6	11	17	19	6	0	9
28	2	8	15	24	21	-	-	15	17	17	17	16	13	11	10	6	2	2	2	1	3	8	6	0	10
29	0	0	0	0	0	0	0	0	2	6	12	17	19	16	21	13	8	0	1	1	0	0	0	1	5
30	1	6	4	8	13	11	8	10	10	17	11	12	10	15	13	13	13	14	17	10	10	10	7	6	10
31	5	2	6	8	5	1	0	1	3	19	24	26	37	40	46	36	22	20	29	34	27	28	26	29	20
MEAN	7	8	7	8	8	5	4	5	8	11	13	15	16	18	17	13	12	9	9	9	9	8	8	7	9.8

PERCENTAGE OF DATA VALID - 93.7 PERCENTAGE OF DATA INVALID - 4.2 PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINOSOR MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	28	27	30	33	33	27	20	15	4	51	****	11	4	5	****	****	14	15	17	19	17	14	15	20
2	15	16	16	16	15	15	15	15	16	****	7	10	13	14	14	10	4	0	0	0	0	0	0	0	9
3	0	0	0	0	0	0	0	0	0	2	5	10	15	17	14	13	10	6	2	4	2	0	1	-	4
4	1	1	3	4	9	5	7	3	9	14	17	20	19	18	15	17	16	4	0	0	0	0	1	0	8
5	0	1	0	4	8	4	1	0	0	9	15	13	16	12	11	2	1	0	0	0	0	0	0	0	4
6	0	0	0	0	0	0	0	0	0	3	12	9	1	1	1	0	0	0	0	1	0	0	0	2	1
7	5	11	16	18	18	17	12	9	4	6	6	5	6	3	2	2	1	1	1	1	1	0	****	****	7
8	****	3	3	2	****	****	****	****	****	****	****	1	0	0	0	0	0	****	****	****	0	0	0	0	******
9	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	1	2	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
11	0	0	-	2	11	12	13	12	12	13	17	18	-	20	22	20	16	12	6	0	0	0	1	0	9
12	0	0	0	-	0	****	****	****	0	6	17	23	25	20	17	13	15	6	2	1	0	0	0	0	7
13	0	0	0	0	0	0	0	0	5	38	2	4	9	13	9	6	2	0	0	0	0	0	0	1	4
14	2	6	4	2	2	0	0	0	0	2	7	14	12	10	12	8	3	1	0	0	0	0	0	0	4
15	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	0
16	1	6	12	15	17	13	8	2	3	4	4	2	42	11	11	11	6	1	0	0	0	0	0	0	7
17	0	0	0	0	0	0	0	0	1	3	7	10	11	15	17	13	7	3	1	1	2	1	2	1	4
18	1	1	2	2	2	2	3	2	7	9	12	20	29	34	31	24	16	5	4	4	4	5	4	2	9
19	2	2	2	2	1	1	1	1	2	8	****	****	15	19	22	20	13	12	14	15	19	23	15	14	10
20	6	2	1	1	1	0	0	0	1	2	5	7	11	10	14	8	2	0	0	0	1	3	4	8	4
21	7	7	6	13	13	12	9	6	1	2	3	3	3	3	3	0	0	-	0	0	1	7	11	10	5
22	15	3	12	13	15	11	15	13	11	9	9	11	11	12	17	25	26	8	11	16	16	15	17	18	14
23	22	26	16	18	14	15	15	12	9	7	9	5	3	4	3	2	3	1	2	1	1	1	1	1	8
24	5	3	3	4	3	3	2	2	2	4	11	17	19	12	17	13	11	2	1	1	0	****	1	1	6
25	0	0	0	1	1	1	2	1	1	2	4	8	7	6	3	7	7	5	5	3	3	2	1	1	3
26	5	8	12	18	24	22	19	14	7	8	9	16	12	11	6	7	13	3	4	2	0	1	2	2	9
27	0	2	5	3	7	3	1	0	2	8	8	7	9	11	6	3	1	1	2	2	1	3	2	4	4
28	1	2	4	7	8	6	3	1	3	4	4	7	7	4	5	6	2	0	1	2	3	2	1	2	4
29	3	3	3	1	0	0	0	0	0	1	2	2	1	1	45	****	-	****	1	1	1	1	2	5	3
30	8	8	10	9	8	8	6	4	4	7	10	10	12	11	10	7	6	5	7	4	3	3	3	3	7
MEAN	4	5	5	6	7	7	6	4	4	6	9	9	11	10	11	8	6	3	3	3	3	3	3	3	5.9

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 3.5 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	5	6	6	5	4	7	2	3	3	6	6	5	5	6	****	2	3	3	3	3	2	2	4	4
2	6	12	16	14	16	14	10	7	8	13	19	25	27	28	27	24	15	10	7	6	5	5	5	4	13
3	4	4	5	4	4	5	9	5	5	15	19	22	23	21	22	15	****	7	7	8	5	6	4	4	10
4	4	4	4	4	4	3	2	2	3	3	7	12	13	17	17	14	7	6	5	5	5	5	4	4	6
5	4	4	5	4	4	3	4	7	12	18	29	32	25	20	25	22	19	14	28	27	17	13	22	12	15
6	12	12	15	13	13	13	13	13	12	27	19	0	0	1	0	0	****	****	****	****	****	****	****	****	10
7	****	****	****	****	****	2	1	0	0	****	****	0	4	8	5	5	0	1	0	0	1	4	8	10	3
8	9	10	15	16	17	15	11	10	9	13	14	15	19	18	15	15	9	4	****	2	3	1	1	****	11
9	****	****	****	****	****	****	0	3	2	****	2	5	5	1	2	2	0	0	0	****	****	****	****	****	******
10	****	****	****	0	0	0	****	****	****	2	6	7	9	12	10	8	4	3	3	4	2	2	2	2	4
11	3	13	13	12	9	9	9	3	2	5	9	13	19	25	41	16	12	12	10	6	5	5	4	7	11
12	20	21	17	9	4	5	3	1	1	1	2	3	5	4	5	4	2	3	4	5	6	7	5	5	6
13	5	7	11	11	9	6	2	0	1	1	1	2	4	6	5	4	1	0	0	0	0	0	0	0	3
14	0	0	3	6	7	1	0	0	****	8	****	14	14	****	14	****	5	3	2	2	2	2	2	2	4
15	2	2	2	2	2	2	1	1	3	9	14	13	12	12	12	10	7	4	4	5	4	4	3	3	6
16	3	3	3	3	3	3	3	3	4	4	4	4	3	14	18	14	14	14	14	15	15	18	16	14	9
17	13	12	12	10	11	2	1	0	1	10	17	19	19	20	19	16	11	5	2	2	2	2	1	2	9
18	1	1	1	1	1	0	1	0	0	21	3	5	6	7	7	6	3	2	2	2	3	4	3	3	3
19	2	2	2	2	2	2	2	2	2	3	6	8	9	10	5	7	5	3	3	3	2	2	2	2	4
20	2	2	2	2	2	2	2	1	2	3	3	4	5	5	7	5	3	2	2	2	2	2	2	2	3
21	2	2	2	2	2	2	1	1	26	3	7	12	14	13	8	6	2	1	2	2	3	4	4	5	5
22	6	6	7	9	11	10	6	5	5	3	3	4	8	6	7	4	4	7	5	7	7	8	10	11	7
23	8	4	7	9	11	11	8	6	8	7	6	4	3	3	2	2	2	2	3	3	3	3	5	3	5
24	3	3	3	3	2	2	2	2	3	5	4	3	3	3	5	4	4	3	4	7	9	3	3	3	4
25	3	3	3	3	4	4	4	4	7	9	8	10	12	11	12	13	12	14	11	13	10	10	11	10	8
26	13	15	15	15	13	10	10	7	4	5	4	4	5	3	5	6	6	4	6	7	3	2	2	0	7
27	0	0	0	0	7	10	4	6	27	8	12	11	14	14	13	9	5	1	0	0	0	1	0	0	6
28	2	7	9	13	12	13	11	7	3	4	6	10	9	10	7	6	3	0	0	0	0	0	0	0	6
29	0	0	0	0	0	0	0	0	0	0	3	5	7	9	8	3	1	0	0	0	0	0	0	0	2
30	0	0	0	0	0	0	0	0	0	1	3	7	11	14	15	6	1	0	0	0	0	0	0	0	2
31	1	2	1	0	0	1	1	0	1	3	3	3	3	2	0	0	0	0	0	0	0	0	0	-	1
MEAN	5	6	6	6	6	5	4	3	5	7	8	9	10	11	11	8	5	4	4	5	4	4	4	4	6.2

PERCENTAGE OF DATA VALID - 94.4 PERCENTAGE OF DATA INVALID - 5.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	5.5	13	48
FEB	26	11.1	24	45
MAR	30	14.2	27	54
APR	30	16.9	31	60
MAY	28	23.4	39	79
JUN	24	30.1	57	108
JUL	31	28.9	62	120
AUG	28	20.1	32	92
SEP	24	19.1	44	88
OCT	29	9.8	24	54
NOV	29	5.9	20	51
DEC	30	6.2	15	41
YEAR	339	15.7	62	120

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	585	126	3	0	0	0	0	0	714
FEB	318	291	19	0	0	0	0	0	628
MAR	291	361	53	2	0	0	0	0	707
APR	229	393	62	12	0	0	0	0	696
MAY	189	282	151	51	0	0	0	0	673
JUN	138	195	140	99	10	1	0	0	583
JUL	225	229	124	101	36	10	0	0	725
AUG	232	309	135	25	2	0	0	0	703
SEP	254	218	75	53	3	0	0	0	603
OCT	412	257	27	1	0	0	0	0	697
NOV	524	157	7	1	0	0	0	0	689
DEC	556	144	2	0	0	0	0	0	702
YEAR	3953	2962	798	345	51	11	0	0	8120

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
92.7	0	0.0	3.8	10.5	18.8	37.1	50.1	68.4	77.0	120	15.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT.MIDDLE RD, MERLIN MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	0	0	0	2	7	9	12	13	12	14	15	16	16	16	15	8	10	12	13	18	20	21	22	12
2	24	25	26	26	26	26	26	26	27	26	24	19	15	14	15	16	17	14	19	18	13	12	12	17	20
3	17	16	16	16	9	7	15	15	10	14	15	19	22	24	24	26	25	23	20	20	21	21	21	20	18
4	21	17	22	23	24	25	19	20	18	21	22	22	24	24	24	24	23	22	18	18	16	16	12	11	20
5	11	12	13	11	10	9	9	9	10	15	19	21	22	17	17	****	14	15	17	17	15	12	10	11	14
6	11	14	13	12	11	11	11	11	11	12	13	18	20	22	23	24	22	21	21	21	20	16	14	11	16
7	12	10	3	1	2	2	2	5	8	11	13	12	12	13	13	18	14	7	13	15	12	15	20	18	10
8	16	18	18	18	21	20	17	18	20	21	18	14	20	22	24	24	22	17	14	11	9	8	10	11	17
9	16	18	18	19	18	19	16	15	16	20	20	21	21	22	22	22	20	19	20	20	17	12	8	8	18
10	11	11	10	9	9	9	8	7	9	12	12	16	19	24	28	28	26	21	14	17	16	15	9	0	14
11	0	0	0	0	0	0	0	0	2	5	7	13	18	24	26	23	16	15	7	2	9	3	1	11	8
12	7	17	19	16	13	11	8	4	4	6	10	11	13	12	11	7	2	0	0	0	0	1	1	0	7
13	1	0	0	0	0	0	0	0	3	6	8	10	12	13	14	15	16	16	14	9	3	4	5	5	6
14	5	4	2	2	3	8	16	19	21	25	27	28	29	30	31	27	26	25	26	25	21	23	23	23	20
15	26	24	21	21	20	20	11	10	12	18	19	21	23	23	24	23	23	23	23	22	21	21	18	15	20
16	15	16	11	15	8	4	3	2	5	8	10	17	24	27	31	30	27	19	18	15	17	18	13	10	15
17	7	4	0	0	0	0	0	0	2	6	7	9	13	18	24	26	27	27	20	16	16	18	20	24	12
18	26	23	****	****	****	****	****	****	****	****	****	****	****	****	-	-	-	-	-	-	-	-	-	-	******
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	24	20	8	0	0	0	0	6	******
24	12	17	21	25	27	25	27	30	30	30	33	36	37	35	29	28	18	16	6	0	12	0	0	9	21
25	33	34	32	34	35	33	36	32	29	31	38	38	38	39	42	43	40	40	40	40	41	42	44	43	37
26	43	43	41	40	38	36	34	33	34	36	40	42	45	48	48	45	40	34	41	38	41	38	38	34	40
27	30	28	18	8	3	1	1	1	7	13	28	40	46	52	52	51	55	46	43	39	22	17	11	21	26
28	34	35	36	37	36	34	31	26	31	27	31	37	39	39	39	39	38	35	29	24	21	26	28	32	33
29	31	31	35	35	38	41	42	42	39	45	45	47	45	43	41	37	35	25	20	12	11	14	27	40	34
30	39	40	40	43	44	45	43	40	31	35	43	47	49	53	49	46	46	41	39	27	19	17	13	17	38
31	11	12	23	27	23	22	8	6	22	33	37	47	51	50	48	48	48	46	47	44	31	16	39	43	33
MEAN	18	18	18	17	17	17	16	15	17	20	22	25	27	28	29	29	26	23	21	19	17	16	16	18	20.2

PERCENTAGE OF DATA VALID - 81.9 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 16.3

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT,MIDDLE RD, MERLIN MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	43	43	43	42	39	26	30	31	34	39	43	46	49	50	51	49	47	41	32	27	14	10	5	6	35
2	13	24	22	19	****	****	****	****	9	14	20	38	43	47	44	38	35	23	30	26	34	36	27	24	28
3	23	18	24	31	40	37	26	24	23	28	30	34	37	35	36	36	37	30	29	33	35	35	26	22	30
4	13	8	22	48	42	48	46	47	47	48	50	52	55	53	51	49	46	43	41	42	40	39	36	32	42
5	26	25	25	25	23	20	24	29	18	23	31	40	43	43	39	38	37	38	23	16	27	15	7	5	27
6	9	6	9	20	19	5	4	15	27	33	39	46	48	47	43	45	36	29	23	11	4	0	0	0	22
7	0	0	9	9	8	4	0	0	8	14	15	15	****	21	22	22	19	10	19	38	33	33	30	30	16
8	27	15	27	32	31	30	29	24	23	24	28	37	39	41	42	41	39	34	23	23	20	21	25	27	29
9	37	37	35	36	36	36	35	34	31	34	35	36	40	42	43	40	29	29	27	23	29	25	23	21	33
10	22	25	26	19	18	17	9	6	24	38	39	39	40	41	41	40	39	36	25	21	21	19	25	27	27
11	32	30	29	35	35	38	40	40	40	40	37	37	40	46	45	44	43	41	41	40	39	38	40	38	39
12	36	31	33	23	19	25	28	30	31	30	31	38	41	41	44	43	42	40	38	37	27	29	35	34	34
13	35	37	36	33	32	35	35	31	31	34	32	36	41	42	44	44	35	26	25	20	19	18	14	24	32
14	31	37	36	34	39	40	41	40	36	32	34	36	35	34	35	36	35	33	32	34	35	34	26	24	35
15	21	19	16	19	21	23	27	32	28	28	30	33	34	30	33	36	37	39	39	39	39	38	38	40	31
16	42	42	39	32	24	25	27	32	37	37	40	42	42	41	41	42	41	40	40	39	39	39	39	39	38
17	39	38	36	34	34	34	35	35	36	36	36	37	40	40	43	43	43	41	39	34	36	36	31	27	37
18	22	38	36	23	23	20	15	22	36	39	40	39	41	41	43	43	43	39	39	39	38	37	36	36	35
19	35	34	32	29	30	28	6	7	10	16	25	33	50	61	63	46	44	38	34	39	46	45	43	45	35
20	46	45	43	33	32	29	29	31	34	38	43	46	52	57	57	59	60	55	47	46	41	29	30	29	42
21	16	19	22	27	13	5	15	25	35	39	42	39	36	33	31	34	35	43	46	47	52	59	59	56	35
22	57	59	59	57	54	50	50	49	46	42	43	****	57	61	61	62	62	64	67	65	65	66	66	65	58
23	63	58	46	32	27	26	21	13	5	2	10	17	19	16	19	16	15	13	8	5	4	4	5	5	19
24	4	17	23	30	31	35	35	35	41	42	44	45	47	44	41	41	40	38	39	39	40	39	41	41	36
25	39	39	38	38	38	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
MEAN	29	30	31	30	30	28	26	27	29	31	34	37	42	42	42	41	39	36	34	33	32	31	29	29	33.0

PERCENTAGE OF DATA VALID - 85.7 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 13.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT,MIDDLE RD, MERLIN MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	-	-	-	-	-	-	-	-	-	12	13	7	8	12	14	16	2	6	10	4	1	11	22	******
2	23	32	34	37	37	36	35	35	28	31	33	37	42	36	39	39	39	41	46	47	45	42	38	33	37
3	24	23	20	14	12	8	4	6	15	21	22	28	36	46	52	59	61	57	48	45	45	38	34	35	31
4	32	39	46	47	49	43	40	37	38	41	45	43	44	45	45	47	46	45	42	38	28	20	23	19	39
5	20	22	24	30	32	34	34	32	31	31	33	35	37	38	42	43	43	39	37	36	35	35	32	27	33
6	28	29	31	34	34	31	28	26	27	27	31	36	45	43	41	41	42	39	34	33	36	39	43	40	35
7	24	16	6	0	0	0	0	4	14	19	23	27	36	41	43	42	47	52	55	58	55	53	47	51	30
8	52	47	45	43	42	41	38	35	28	40	42	43	45	46	57	61	58	51	43	41	44	42	38	26	44
9	27	15	24	16	15	25	33	30	37	40	45	46	40	36	42	36	27	25	21	10	11	16	9	5	26
10	0	0	19	26	26	24	24	25	24	31	32	37	36	38	39	40	42	39	36	26	27	29	28	25	28
11	30	34	30	29	29	28	31	29	30	30	31	30	25	31	31	31	34	34	29	30	26	22	30	29	30
12	25	28	32	34	37	37	37	37	38	39	40	42	43	41	42	45	46	44	45	43	43	42	41	39	39
13	29	26	18	19	21	22	23	25	25	24	26	35	41	47	46	48	45	41	44	50	50	49	47	46	35
14	45	46	45	42	41	40	38	36	35	43	39	42	43	43	43	38	38	41	44	44	42	41	41	41	41
15	36	41	41	42	42	41	41	41	39	39	38	38	40	40	37	36	34	30	28	23	27	26	27	30	36
16	26	30	27	22	15	9	7	10	24	33	32	31	30	36	41	41	41	43	36	34	29	30	21	21	28
17	16	12	0	0	3	3	5	15	21	28	25	25	23	32	40	50	54	49	42	45	46	42	36	35	27
18	31	29	28	35	32	35	36	35	36	37	42	45	45	45	50	45	52	61	51	57	52	58	61	63	44
19	63	52	46	49	46	38	33	39	36	34	37	52	46	65	43	44	40	34	36	40	40	38	40	34	43
20	34	41	30	31	42	39	42	35	35	38	42	42	42	43	45	44	43	38	36	32	34	38	36	42	39
21	47	34	24	1	6	4	5	15	22	32	41	39	40	46	48	53	56	51	43	39	38	38	40	24	33
22	8	6	13	5	7	4	4	7	29	37	37	42	43	45	54	56	50	51	48	49	55	57	56	51	34
23	44	38	35	31	24	17	16	29	32	****	29	42	50	61	55	53	53	****	52	48	45	40	40	39	40
24	34	29	27	25	25	****	24	25	26	26	27	27	27	26	29	24	29	31	32	26	23	22	18	19	26
25	19	20	16	13	20	18	19	19	20	22	25	26	27	28	28	26	24	22	20	13	24	27	31	30	22
26	30	31	31	31	31	32	30	33	31	31	32	34	38	39	39	37	33	33	28	27	31	30	30	33	32
27	40	38	36	35	35	34	31	34	35	36	36	36	40	42	43	43	43	40	39	35	33	35	39	36	37
28	35	36	31	26	10	5	8	16	28	27	27	24	23	25	24	25	22	23	23	22	23	26	26	26	23
29	27	41	46	40	39	37	36	34	32	35	36	31	29	32	21	19	16	13	32	39	36	31	27	22	31
30	21	38	39	35	37	40	40	41	40	41	41	41	38	39	42	41	41	48	45	43	46	47	44	42	40
31	39	37	36	35	31	27	22	23	25	29	30	28	26	30	30	31	32	37	38	38	39	41	41	40	33
MEAN	30	30	29	28	27	26	25	27	29	32	33	35	36	39	40	40	40	38	37	36	36	35	35	33	33.4

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT,MIDDLE RD. MERLIN MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	40	38	37	37	36	35	34	34	30	32	26	29	34	35	35	36	34	35	30	26	23	22	22	22	32
2	25	25	23	20	16	11	5	2	3	3	12	17	14	21	18	32	37	29	21	10	10	12	15	22	17
3	26	24	25	27	36	36	31	32	35	35	35	32	37	45	39	40	40	44	40	34	29	27	14	16	32
4	17	27	20	26	38	37	37	33	29	29	31	34	34	35	36	39	33	24	26	27	27	24	35	36	31
5	37	27	20	20	25	26	25	29	28	30	36	40	38	40	42	42	44	49	48	53	53	50	42	44	37
6	39	35	35	37	31	30	30	30	31	30	31	32	****	32	34	34	34	29	31	31	31	30	32	29	32
7	29	30	31	31	30	29	29	35	34	34	34	38	40	38	39	38	36	34	32	27	26	29	27	34	33
8	35	34	36	35	36	37	37	35	35	36	38	34	32	32	31	32	35	35	35	35	35	42	35	34	35
9	22	25	28	29	26	27	34	38	38	38	39	39	39	40	39	35	37	37	37	36	23	30	34	33	33
10	34	34	32	33	32	32	29	30	28	30	31	38	44	47	43	43	37	37	36	36	34	34	41	42	36
11	41	45	35	45	40	41	42	38	43	44	41	39	38	39	41	42	41	37	44	43	46	46	43	37	41
12	37	36	38	38	39	36	39	41	39	39	39	40	43	43	40	41	41	38	37	37	35	32	29	26	38
13	22	18	20	21	19	13	10	15	17	14	17	12	9	9	8	8	12	27	27	37	39	39	38	37	20
14	38	45	50	49	47	40	36	33	34	36	33	39	46	47	49	52	51	54	50	49	49	46	46	45	44
15	43	39	44	40	40	38	37	36	35	35	36	40	35	42	40	39	40	40	40	39	38	34	28	26	38
16	31	37	31	37	37	35	32	32	32	32	32	32	36	36	36	42	39	37	35	31	31	22	21	23	33
17	19	21	22	5	16	23	20	26	31	36	43	43	42	45	43	45	46	43	40	36	31	20	27	36	32
18	27	15	15	3	14	18	31	35	39	38	64	49	47	49	48	48	44	46	46	40	34	32	27	25	35
19	25	19	25	22	18	9	17	25	36	45	44	48	50	51	50	52	50	50	45	29	23	30	34	28	34
20	22	18	6	12	4	3	3	19	34	39	43	45	45	47	48	47	49	48	51	42	45	39	43	42	33
21	45	37	37	36	37	31	29	25	25	27	33	38	34	42	43	47	43	40	34	41	39	37	35	30	36
22	28	16	23	24	27	31	27	26	27	25	28	29	30	35	41	40	48	53	25	27	35	36	36	36	31
23	35	27	21	16	19	13	10	13	26	41	46	47	51	56	56	60	59	56	50	29	40	31	48	54	38
24	52	44	37	29	38	37	33	32	27	28	27	32	38	46	44	46	49	45	44	47	52	59	68	56	42
25	43	41	37	35	29	20	22	25	29	32	****	****	46	69	68	72	59	49	43	42	56	61	62	64	46
26	70	63	52	47	30	19	29	32	36	39	39	42	45	47	40	38	35	34	22	15	19	18	27	24	36
27	24	24	24	24	25	25	26	29	28	27	28	29	29	33	33	36	36	30	28	28	27	26	25	24	28
28	24	28	29	32	37	34	31	30	31	31	31	31	32	34	40	39	38	35	30	29	35	35	36	34	33
29	21	22	35	25	26	26	21	22	20	27	27	27	29	30	33	33	28	35	31	34	36	31	28	27	28
30	16	19	18	19	24	28	36	39	41	41	38	38	39	45	44	45	43	38	39	40	39	30	24	32	34
MEAN	32	30	30	28	29	27	27	29	31	32	35	36	37	40	40	41	41	40	37	34	35	33	34	34	33.9

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT.MIDDLE RD. MERLIN MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	35	34	27	28	27	20	15	28	35	39	43	46	51	52	55	46	46	46	49	46	39	36	33	35	38
2	40	45	41	42	30	24	29	38	38	38	45	49	53	48	48	57	58	60	60	53	53	56	57	51	46
3	42	31	22	22	25	28	23	27	25	47	****	50	47	43	45	43	50	49	48	45	45	42	37	37	38
4	40	31	27	28	31	26	29	32	35	35	39	33	27	27	40	28	33	41	37	29	23	15	14	12	30
5	19	26	27	31	34	35	36	39	40	41	43	44	45	46	49	50	47	47	47	50	51	52	53	45	42
6	41	34	31	35	35	29	20	22	31	40	41	42	38	49	55	57	58	59	60	56	56	54	56	56	44
7	52	48	44	41	35	32	31	32	33	36	44	49	50	57	62	62	62	63	64	63	66	69	64	57	51
8	50	32	30	32	28	32	32	39	43	51	57	64	71	75	76	76	78	74	75	71	66	64	61	48	55
9	38	37	30	24	18	16	28	32	39	45	60	70	71	68	63	****	****	****	****	****	****	****	****	****	******
10	****	****	****	****	****	****	****	-	-	-	-	-	-	-	-	-	-	-	-	67	56	57	61	55	******
11	59	45	21	6	2	6	12	17	24	36	56	63	78	80	76	73	75	82	73	70	62	41	29	36	47
12	38	37	30	24	16	16	25	23	16	14	17	25	37	43	37	37	38	38	39	40	40	40	36	20	30
13												- DATA INVALID -													
14												- DATA INVALID -													
15	****	****	****	58	54	50	47	42	43	48	61	66	72	70	61	61	57	55	55	51	51	49	46	40	54
16	29	36	31	27	13	19	32	38	39	46	57	57	57	58	55	55	59	62	60	47	35	37	28	31	42
17	36	45	49	46	39	25	36	37	39	43	46	54	67	70	75	76	71	65	57	54	58	53	35	38	51
18	39	30	27	20	8	6	7	13	25	35	39	41	47	54	****	46	55	64	55	53	39	41	47	51	37
19	45	38	39	34	37	21	12	19	26	31	45	47	47	55	62	66	62	50	46	49	42	38	32	36	41
20	34	25	12	16	23	20	21	40	42	45	50	54	56	57	60	62	57	53	56	44	41	40	50	52	42
21	57	47	53	39	34	29	30	****	15	22	27	32	36	30	30	37	32	32	28	23	19	15	9	11	30
22	5	9	6	5	3	4	8	15	27	32	32	40	41	45	43	39	46	52	48	48	47	45	42	41	30
23	40	27	13	9	5	4	11	19	29	33	34	35	49	49	60	54	51	51	47	41	40	37	15	17	32
24	25	22	21	17	20	20	19	19	19	20	23	21	23	24	25	25	29	28	29	32	32	35	35	35	25
25	34	37	38	37	38	39	39	32	30	33	33	35	37	33	30	32	35	35	36	37	37	38	39	39	36
26	35	41	40	40	46	46	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	45	43	40	32	5	11	20	40	******
28	35	15	8	8	5	2	3	12	11	17	24	27	34	40	41	41	35	29	29	32	29	18	12	8	21
29	2	3	3	3	2	2	6	12	7	17	31	38	38	36	39	41	41	41	42	36	29	26	17	17	22
30	13	9	5	4	4	9	8	4	12	18	33	60	42	****	-	-	-	-	-	-	-	-	-	-	******
31												- DATA UNAVAILABLE -													
MEAN	35	31	27	26	24	22	22	26	29	34	41	46	49	50	52	51	51	51	49	47	42	40	37	36	38.0

PERCENTAGE OF DATA VALID - 79.7 PERCENTAGE OF DATA INVALID - 14.1 PERCENTAGE OF DATA UNAVAILABLE - 6.2

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW ND 13021 MOE WATER PUMPING STAT.MIDDLE RD. MERLIN MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12	-	-	-	-	-	-	-	-	-	-	-	****	86	101	****	107	110	95	104	77	66	62	63	57	******
13	39	30	31	39	41	57	64	71	101	101	76	73	72	78	82	81	78	75	77	67	61	54	49	28	64
14	26	41	27	14	18	17	16	25	50	88	115	103	91	103	126	158	135	132	106	81	70	61	85	50	72
15	29	27	34	25	13	9	17	31	52	59	64	78	89	79	82	87	105	90	89	71	73	45	30	35	55
16	21	14	9	10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	29	28	25	22	24	28	32	42	68	83	85	85	85	90	97	108	107	98	94	74	68	56	57	43	63.9

PERCENTAGE OF DATA VALID - 11.7 PERCENTAGE OF DATA INVALID - 19.1 PERCENTAGE OF DATA UNAVAILABLE - 69.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT.MIDDLE RD. MERLIN MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13	-	-	-	-	-	-	-	-	-	-	-	-	43	45	45	43	39	30	31	37	45	44	37	30	******
14	30	27	24	19	18	14	9	10	15	19	21	24	27	27	26	25	23	23	22	18	17	15	17	22	21
15	20	17	17	17	16	16	17	17	17	18	20	20	23	21	21	24	25	25	20	17	14	10	7	3	18
16	3	1	2	1	0	0	1	3	10	13	14	17	23	23	25	27	29	31	30	26	22	23	20	23	15
17	26	24	24	22	23	23	18	14	14	31	37	35	35	29	29	26	23	22	30	32	32	31	32	29	27
18	32	30	29	29	29	26	20	18	19	17	16	13	16	18	29	34	24	22	19	13	9	7	7	6	20
19	7	4	2	3	8	9	8	11	14	16	18	19	20	21	22	22	22	22	19	10	9	9	5	2	13
20	3	2	1	1	0	0	1	10	14	17	21	22	27	23	24	21	20	22	22	20	18	11	6	6	13
21	7	7	5	3	2	1	2	4	5	8	10	11	16	17	****	26	27	28	22	15	10	9	10	7	11
22	3	8	12	10	10	10	15	17	20	22	30	35	43	41	52	58	58	58	52	54	56	47	38	39	33
23	36	23	16	17	19	19	17	18	20	23	29	30	36	44	43	37	34	31	23	28	34	35	32	27	28
24	26	23	23	22	20	17	14	13	14	17	20	31	42	49	53	55	52	47	44	35	32	22	20	16	29
25	18	16	15	16	20	23	23	20	22	22	27	31	37	38	40	55	53	46	38	33	29	21	13	6	28
26	10	10	12	12	16	15	13	11	14	28	29	34	37	49	52	55	51	42	39	39	40	39	35	30	30
27	30	25	21	15	12	6	8	25	34	36	36	36	****	36	39	41	44	48	48	37	36	26	28	27	30
28	22	21	16	11	9	6	4	10	16	21	26	34	41	44	53	56	50	43	44	41	39	37	31	30	29
29	31	29	26	24	20	20	16	18	22	26	36	41	45	39	37	35	****	36	32	31	24	22	18	17	28
30	17	13	10	9	7	10	13	16	25	25	35	41	61	62	68	76	74	64	53	29	25	19	16	15	33
31	11	8	5	2	1	0	0	4	11	20	24	27	32	32	34	38	40	39	33	25	26	27	30	32	21
MEAN	18	16	14	13	13	12	11	13	17	21	25	28	34	35	38	40	38	36	33	28	27	24	21	19	24.1

PERCENTAGE OF DATA VALID - 59.3 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 40.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT.MIDDLE RD. MERLIN MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	29	24	16	18	15	7	20	30	28	15	20	68	82	86	85	86	85	63	52	48	46	42	36	43
2	34	31	29	25	24	22	23	22	21	21	19	20	25	29	34	38	42	39	36	32	24	23	21	18	27
3	15	10	8	7	7	6	5	6	17	25	32	40	49	58	61	62	58	54	32	16	14	12	9	6	25
4	6	6	4	2	2	2	2	3	4	7	9	14	24	32	39	40	40	40	36	21	24	12	15	16	17
5	9	2	6	4	2	2	2	7	19	20	24	35	49	51	51	62	64	59	56	48	43	31	30	25	29
6	19	13	14	13	12	10	7	5	15	41	61	72	90	101	94	57	50	47	41	29	24	19	19	19	36
7	15	11	7	7	12	11	9	9	11	13	18	20	18	18	18	15	15	14	13	13	7	6	7	6	12
8	2	3	4	5	6	6	6	8	8	9	12	15	20	22	22	23	23	24	23	16	12	7	6	9	12
9	2	2	2	1	0	0	1	4	10	17	24	27	29	32	35	36	38	41	32	21	16	16	21	29	18
10	28	27	30	36	38	32	28	28	29	34	34	34	43	53	56	56	57	48	33	30	26	25	25	22	36
11	16	16	14	12	10	7	7	8	11	13	16	17	21	28	28	29	31	36	29	16	10	5	5	19	17
12	27	26	17	8	6	1	0	1	5	14	42	55	57	57	70	81	74	62	55	51	45	42	37	34	36
13	27	21	16	15	19	21	19	16	16	16	16	18	22	22	24	24	24	20	16	11	10	9	8	4	17
14	2	6	6	7	6	6	6	5	5	3	0	2	4	6	6	6	7	7	7	5	2	1	1	1	4
15	2	2	1	0	0	0	0	0	0	1	2	4	7	9	10	12	13	13	7	2	2	6	4	3	4
16	1	0	0	0	0	0	0	1	3	4	7	8	12	12	13	12	12	12	10	9	10	9	9	10	6
17	10	9	8	4	6	7	6	4	5	7	9	9	10	11	13	14	14	15	12	6	7	8	6	7	9
18	7	7	7	6	4	4	3	2	2	2	2	3	5	6	****	65	61	52	39	37	23	17	11	10	16
19	8	8	5	8	11	15	15	13	12	16	24	24	27	28	31	32	32	27	13	7	9	8	12	11	17
20	11	9	11	13	13	16	17	22	21	26	29	29	38	41	47	50	50	43	35	34	35	34	30	26	28
21	23	26	26	25	25	23	14	17	21	24	23	27	26	35	26	24	22	21	21	18	16	14	12	12	22
22	14	14	14	14	14	14	14	14	14	14	15	19	20	22	24	26	26	23	21	18	18	17	14	10	17
23	9	8	8	8	9	10	10	10	10	13	20	23	24	27	26	26	26	27	21	18	13	14	10	8	16
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
MEAN	14	12	11	10	11	10	9	10	13	16	20	23	30	34	37	38	38	35	28	22	19	17	15	15	20.2

PERCENTAGE OF DATA VALID - 76.5 PERCENTAGE OF DATA INVALID - 23.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT.MIDDLE RD. MERLIN MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11	****	****	****	****	****	****	****	****	****	****	****	****	****	21	21	21	20	19	16	15	15	15	12	10	******
12	4	0	2	3	2	5	5	5	7	9	9	7	9	14	12	13	13	15	6	16	18	17	15	10	9
13	12	15	16	15	15	13	12	11	11	14	15	15	16	16	16	17	17	18	19	19	19	17	13	16	15
14	17	16	16	15	14	13	5	3	5	8	13	17	22	22	22	23	25	25	22	13	14	15	15	13	16
15	12	13	15	17	13	8	8	8	9	12	14	15	18	18	19	20	20	20	18	14	14	13	13	12	14
16	8	6	6	4	4	0	0	0	0	2	4	8	11	14	17	19	22	22	18	19	17	15	13	7	10
17	8	7	8	8	10	11	8	8	7	9	7	10	15	13	16	14	8	7	3	1	0	0	0	2	8
18	6	6	7	11	11	11	11	10	10	14	23	23	24	25	20	20	20	21	23	22	22	21	15	13	16
19	12	10	8	3	2	7	9	7	6	11	27	31	41	43	44	44	46	46	45	41	36	33	31	30	26
20	29	29	28	27	26	25	21	20	23	25	25	28	30	34	37	37	38	39	37	36	34	29	27	26	30
21	28	27	27	23	24	24	24	22	22	22	22	27	29	31	36	37	33	32	25	27	28	25	24	23	27
22	19	18	14	14	15	15	16	16	15	17	21	24	31	35	37	38	37	35	34	30	24	15	18	26	24
23	24	25	28	18	10	11	8	4	3	4	7	7	10	10	11	11	11	11	10	9	12	15	15	14	12
24	14	14	14	15	14	13	12	15	15	16	16	16	16	16	16	16	11	12	12	13	13	15	18	20	15
25	20	20	21	22	22	22	21	21	21	23	22	23	22	22	24	23	21	22	22	21	21	22	23	23	22
26	24	24	24	23	21	20	19	20	23	25	25	26	26	25	25	25	25	24	13	7	8	5	5	8	20
27	6	9	11	11	9	10	3	7	12	13	19	20	17	19	18	15	13	12	10	13	14	13	16	20	13
28	24	17	7	8	17	21	20	17	17	17	17	19	19	18	16	15	14	13	10	11	12	12	13	13	15
29	11	8	3	1	0	0	0	0	5	12	15	18	21	26	27	28	29	19	5	2	3	9	10	10	11
30	10	10	11	11	11	12	10	6	7	9	15	18	20	21	****	26	26	25	22	20	17	14	12	11	15
31	15	17	16	14	14	11	10	9	9	11	15	19	24	33	36	33	31	34	27	22	18	18	15	12	19
MEAN	15	15	14	13	13	13	11	10	11	14	17	19	21	23	24	24	23	22	19	18	17	16	15	15	16.7

PERCENTAGE OF DATA VALID - 65.9 PERCENTAGE OF DATA INVALID - 34.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT,MIDDLE RD, MERLIN MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	25	32	30	27	27	28	29	27	25	24	23	21	22	25	25	22	14	7	8	14	17	17	14	22
2	14	14	7	6	7	7	7	9	10	12	15	20	20	20	21	21	21	16	14	14	11	7	1	0	12
3	0	0	0	0	0	3	5	8	12	13	18	19	16	14	16	20	20	17	12	9	6	8	8	6	10
4	3	1	3	4	4	4	4	5	8	11	19	20	20	21	22	23	16	9	7	5	6	7	10	10	10
5	10	8	8	8	9	9	8	7	9	17	24	25	24	24	25	25	17	10	12	9	9	7	5	0	13
6	1	0	0	0	4	11	12	6	5	15	18	18	23	20	15	****	****	5	3	2	5	10	12	13	9
7	14	16	17	17	18	19	18	15	12	10	15	13	15	14	10	12	11	11	13	12	13	14	13	6	14
8	9	11	7	8	8	8	6	7	8	8	6	6	6	4	0	0	0	0	0	4	2	1	0	0	5
9	3	5	7	7	7	5	12	9	11	5	8	11	14	12	6	5	6	0	0	0	0	0	0	1	6
10	0	0	0	3	11	19	19	12	10	6	4	12	13	9	5	8	6	5	1	2	2	7	7	4	7
11	0	11	20	21	21	21	21	21	21	23	23	24	26	20	15	12	11	14	16	18	13	14	10	8	17
12	9	5	1	4	13	17	20	22	25	25	24	22	21	16	13	9	2	0	5	9	9	7	7	7	12
13	5	2	0	2	4	9	14	16	18	21	12	10	14	12	12	9	6	3	0	0	5	7	7	7	8
14	11	10	9	9	14	15	16	17	18	19	18	16	17	8	3	5	8	11	11	10	5	9	13	10	12
15	8	8	7	7	7	10	10	16	15	10	****	****	10	10	8	6	6	10	2	4	6	8	10	13	9
16	15	17	14	14	15	15	16	13	13	20	22	22	23	19	15	9	9	10	10	7	6	9	9	5	14
17	8	6	5	5	4	0	0	0	4	8	10	13	17	19	19	17	12	13	11	13	12	9	7	5	9
18	7	10	11	9	10	10	10	10	10	16	20	22	25	28	32	31	27	29	29	25	24	21	16	13	19
19	16	15	15	14	12	11	13	13	17	25	29	31	39	38	40	39	39	40	43	41	31	35	32	31	27
20	32	27	19	10	7	6	4	6	8	9	11	13	14	14	13	12	7	5	2	0	4	4	4	1	10
21	7	11	10	10	6	10	9	7	6	4	7	8	8	8	7	7	7	6	6	5	7	11	16	22	9
22	29	29	29	26	24	21	19	19	19	18	16	16	20	20	22	20	18	16	15	16	17	17	15	13	20
23	22	20	20	20	13	19	14	14	14	13	15	14	14	14	6	4	1	0	0	0	6	10	8	14	11
24	12	12	8	10	8	7	6	6	6	6	10	12	14	16	17	15	13	11	10	10	9	9	8	8	10
25	11	8	6	5	5	5	5	2	1	1	2	5	11	11	6	3	3	0	1	1	0	0	0	6	4
26	6	8	8	8	12	14	17	16	13	11	13	13	13	23	22	20	22	19	17	17	14	14	13	14	14
27	18	14	14	15	16	10	14	11	14	18	16	17	17	18	18	15	7	7	7	11	14	10	9	9	13
28	12	13	18	16	20	20	18	12	11	8	11	14	19	17	16	15	18	16	15	13	15	12	13	13	15
29	12	12	12	11	9	9	8	7	6	7	9	10	12	12	13	13	12	10	10	8	7	6	8	9	10
30	11	12	10	11	8	9	10	4	11	13	14	14	15	18	21	18	14	13	12	13	11	13	12	13	13
MEAN	11	11	11	10	11	12	12	11	12	13	15	16	17	17	15	14	12	11	10	10	9	10	10	9	12.0

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT,MIDDLE RD, MERLIN MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	9	7	6	10	8	10	10	8	10	10	12	14	14	17	14	8	5	6	5	4	5	8	6	9
2	8	7	7	12	18	20	21	21	21	21	23	23	28	28	27	25	15	10	11	11	11	13	16	17	17
3	19	19	19	18	18	18	18	21	22	22	22	23	24	23	23	22	20	19	17	15	13	9	11	12	19
4	12	11	11	6	5	3	4	2	6	8	11	12	14	12	12	9	8	6	5	2	2	2	4	6	7
5	6	6	9	7	4	6	11	14	16	23	25	27	30	32	34	32	29	27	27	25	26	28	24	26	21
6	25	22	20	17	13	11	10	8	7	5	5	8	12	12	****	7	5	0	3	3	3	3	7	6	9
7	9	10	12	11	12	13	10	7	11	10	12	14	12	13	11	11	15	11	12	5	4	6	13	16	11
8	18	18	21	21	21	21	21	20	20	20	21	22	22	22	22	21	17	13	9	10	10	6	7	11	17
9	9	11	13	11	13	9	0	11	14	14	15	15	13	13	12	12	12	11	7	4	3	4	5	5	10
10	0	0	0	0	0	0	0	0	3	8	11	13	13	11	11	10	6	6	6	9	9	9	9	12	6
11	13	13	12	9	10	12	12	13	15	16	17	18	21	22	23	22	22	23	23	23	23	22	21	19	18
12	21	21	21	18	13	8	6	11	13	13	12	10	6	6	12	14	14	11	15	13	10	10	18	18	13
13	22	21	18	18	18	16	15	12	12	9	12	12	14	14	14	18	18	11	7	3	0	0	3	3	12
14	2	4	3	6	6	9	9	2	2	9	12	15	16	16	15	13	9	1	0	0	0	0	0	0	6
15	0	0	0	1	1	4	7	11	13	14	14	15	18	17	15	13	8	5	6	8	8	6	6	5	8
16	5	5	2	1	1	1	1	1	4	5	5	5	5	3	19	21	21	21	21	21	22	24	24	24	11
17	27	27	25	24	25	25	23	23	20	13	19	21	20	16	19	21	18	14	13	13	10	7	5	8	18
18	11	11	9	9	9	9	9	8	8	8	10	11	15	13	5	6	8	8	8	9	11	11	6	2	9
19	0	1	1	0	0	2	2	2	5	6	8	8	10	9	9	4	1	1	1	1	1	1	1	1	3
20	2	2	2	2	0	0	0	0	0	5	5	6	5	5	5	6	4	0	0	0	0	0	0	0	2
21	0	0	0	0	0	0	1	3	5	9	10	12	10	10	10	10	10	7	4	1	3	3	7	8	5
22	9	6	5	5	8	12	13	15	18	20	19	16	19	19	15	13	13	11	8	7	9	10	10	10	12
23	10	11	12	11	11	11	12	12	13	11	12	12	11	11	11	9	9	9	7	7	7	6	6	4	10
24	4	2	0	0	3	3	3	2	2	3	4	5	9	9	10	11	10	10	11	11	13	13	15	13	7
25	10	10	10	7	6	0	0	2	4	6	10	13	13	15	16	17	17	19	20	21	21	21	21	20	12
26	18	19	18	18	19	18	19	19	19	19	16	12	7	6	9	10	11	7	0	0	0	0	0	0	11
27	0	4	4	6	12	13	17	18	20	19	19	19	21	20	19	17	15	11	5	5	6	2	11	13	12
28	9	2	3	5	10	15	17	16	16	15	13	11	7	9	11	12	11	10	9	8	7	4	2	1	9
29	0	0	0	0	0	0	0	0	2	4	4	7	7	8	8	7	3	1	0	0	0	0	0	0	2
30	0	0	0	0	0	0	0	0	1	2	4	5	8	8	9	8	8	7	6	6	6	7	7	6	4
31	6	5	2	7	16	17	19	19	17	18	19	19	20	20	20	19	16	15	17	19	19	19	19	19	16
MEAN	9	9	9	8	9	9	9	10	11	12	13	14	14	14	15	14	12	10	9	9	8	8	9	9	10.6

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT,MIDDLE RD, MERLIN

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	20.2	40	55
FEB	24	33.0	58	67
MAR	30	33.4	44	65
APR	30	33.9	46	72
MAY	23	38.0	55	82
JUN		DATA UNAVAILABLE		
JUL	3	63.9	72	158
AUG	18	24.1	33	76
SEP	23	20.2	43	101
OCT	20	16.7	30	46
NOV	30	12.0	27	43
DEC	31	10.6	21	34
YEAR	257	24.7	72	158

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 13021 MOE WATER PUMPING STAT,MIDDLE RD, MERLIN

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	135	344	124	6	0	0	0	0	609
FEB	42	167	331	36	0	0	0	0	576
MAR	43	220	425	43	0	0	0	0	731
APR	19	228	437	33	0	0	0	0	717
MAY	39	142	278	133	1	0	0	0	593
JUN		DATA UNAVAILABLE							
JUL	3	17	12	27	13	11	3	1	87
AUG	80	235	102	24	0	0	0	0	441
SEP	195	246	69	32	8	1	0	0	551
OCT	118	335	37	0	0	0	0	0	490
NOV	336	363	17	0	0	0	0	0	716
DEC	389	351	3	0	0	0	0	0	743
YEAR	1399	2648	1835	334	22	12	3	1	6254

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 50	70	90	95	98	99	MAX	ARITH MEAN
77.8	0	4.8	13.0	21.9	33.3	44.6	52.1	62.4	72.6	158	24.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	8	14	****	17	15	15	16	17	17	17	19	18	19	20	22	22	23	23	25	26	25	21	17
2	27	30	31	33	32	27	23	22	****	22	21	25	27	26	25	19	25	22	21	18	-	-	-	18	25
3	14	14	14	13	13	13	12	10	****	****	****	22	21	23	23	17	11	8	6	9	16	18	19	19	15
4	23	24	22	22	23	22	19	16	16	36	13	24	25	25	23	24	20	22	23	23	20	24	22	20	22
5	23	20	24	18	20	18	15	13	11	18	21	22	20	23	23	20	13	4	1	0	0	0	****	5	14
6	5	0	0	0	0	0	0	3	8	9	13	16	20	21	18	15	9	1	3	0	0	0	0	0	6
7	0	0	0	0	0	0	2	2	0	1	3	8	17	25	25	25	25	23	21	19	21	23	20	19	12
8	19	19	20	19	17	19	18	9	19	22	26	25	26	27	25	23	20	16	15	16	15	22	22	18	20
9	8	8	11	7	7	6	5	2	2	4	4	7	11	16	18	****	5	0	0	0	3	11	14	18	7
10	20	17	12	15	16	14	7	0	5	12	17	26	31	****	30	30	27	14	14	6	6	5	****	2	15
11	4	2	4	4	3	0	0	0	1	5	10	20	30	28	23	18	10	5	5	5	5	1	0	0	8
12	0	3	4	3	2	3	4	2	2	7	13	15	18	19	16	12	6	1	1	2	2	1	1	0	6
13	1	1	1	1	0	0	1	0	1	4	5	5	5	5	5	4	1	0	0	1	3	0	****	0	2
14	0	0	2	7	15	21	21	23	26	31	32	33	33	34	31	33	31	26	28	27	28	26	26	28	23
15	31	27	28	30	29	18	12	7	11	15	18	19	24	23	20	11	5	1	0	0	0	0	1	2	14
16	6	1	0	1	2	6	8	5	5	10	21	24	21	25	21	21	10	1	0	0	1	1	1	2	8
17	8	5	3	4	4	2	0	0	0	1	****	****	8	9	21	26	21	17	23	25	26	25	23	28	13
18	35	36	33	31	29	29	29	29	27	29	30	****	28	23	28	18	9	4	6	7	8	10	2	1	21
19	1	9	5	13	19	19	9	2	3	9	14	18	-	20	21	21	16	16	18	19	17	14	11	11	13
20	7	4	4	4	5	3	3	1	2	4	4	6	5	6	6	4	3	1	1	0	0	0	0	0	3
21	0	0	0	0	0	0	2	4	8	11	13	15	18	17	17	18	19	18	17	10	16	14	20	20	11
22	21	15	17	31	31	-	25	29	26	33	35	39	39	****	31	33	33	****	22	23	25	22	20	3	26
23	5	3	1	4	9	13	18	9	7	11	****	15	17	19	19	12	8	8	10	13	12	13	13	12	11
24	15	17	18	19	20	21	19	15	14	-	****	15	15	10	9	4	4	3	5	8	9	9	13	21	13
25	22	24	25	25	26	27	26	26	25	27	28	28	29	30	32	32	32	30	30	31	29	30	31	31	28
26	31	31	31	31	31	30	29	27	25	27	28	28	31	31	31	30	27	26	25	28	27	27	28	28	29
27	26	28	27	20	27	28	27	22	23	23	26	28	25	24	22	22	24	22	22	20	20	21	26	26	24
28	25	26	28	28	28	28	27	27	26	26	26	26	28	29	29	28	28	26	28	29	28	29	29	30	28
29	30	29	31	30	30	31	33	33	31	****	30	28	31	30	31	27	25	28	27	27	29	32	33	34	30
30	32	32	33	34	36	35	35	33	30	28	32	36	38	37	36	35	28	-	25	19	26	21	18	21	30
31	18	25	28	28	28	30	31	31	29	31	33	33	35	36	37	34	36	31	31	31	30	31	34	35	31
MEAN	15	15	15	16	17	16	15	13	14	17	20	21	23	23	23	21	18	14	15	14	15	15	17	15	16.9

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	34	35	36	35	35	34	35	34	31	35	37	37	38	40	40	****	37	32	26	24	26	28	30	32	34
2	29	29	31	30	28	27	26	21	23	26	27	26	24	25	29	31	27	17	8	1	1	1	1	1	20
3	0	0	0	0	0	0	0	0	3	7	15	22	27	22	16	13	12	11	14	17	15	12	1	2	9
4	3	0	0	3	19	30	37	35	38	39	44	44	45	45	45	44	39	32	27	25	23	26	26	28	29
5	26	19	26	18	23	24	21	13	12	18	22	25	30	31	33	33	-	29	26	18	15	13	11	3	21
6	2	3	4	4	5	3	1	1	3	****	12	9	21	18	22	27	26	14	18	9	4	2	3	0	9
7	0	0	0	0	0	0	0	0	2	5	11	13	13	12	16	16	15	13	29	32	27	26	26	20	12
8	29	25	27	21	25	22	25	15	15	29	35	36	38	38	41	40	40	38	35	33	33	36	37	37	31
9	37	-	-	-	-	-	-	****	25	29	35	36	37	****	40	38	36	30	24	25	19	8	3	12	27
10	13	15	16	12	13	14	29	35	36	37	38	39	40	42	42	43	38	28	15	4	8	9	15	18	25
11	21	22	25	23	28	25	26	24	30	32	37	39	39	38	36	35	32	27	23	12	13	12	14	14	26
12	16	18	18	20	23	22	18	14	12	****	22	28	30	32	35	36	29	36	32	32	29	28	28	21	25
13	22	17	18	22	27	26	22	10	9	10	25	31	30	30	30	29	23	16	5	2	3	2	2	3	17
14	14	18	21	29	29	28	23	14	20	24	22	28	23	26	25	21	19	16	18	20	12	5	13	14	20
15	14	10	16	17	17	22	18	4	10	19	23	24	23	27	32	29	25	26	-	25	26	27	25	24	21
16	26	24	22	26	29	35	35	32	34	35	37	37	38	38	39	39	39	40	40	40	41	36	40	33	35
17	-	31	35	36	37	36	34	29	32	36	36	37	38	-	40	38	37	33	26	26	23	26	27	24	33
18	22	21	22	20	18	14	4	12	22	26	28	30	34	34	31	33	33	32	24	24	-	27	27	****	24
19	22	22	19	17	16	12	7	2	6	****	****	31	36	34	42	43	31	21	3	0	1	0	1	1	17
20	1	1	1	1	1	1	1	2	4	9	15	22	26	28	28	29	25	25	21	25	16	13	14	14	13
21	11	19	10	8	13	15	12	10	15	10	11	8	12	20	22	21	28	39	49	61	63	58	53	56	26
22	54	53	51	50	43	42	36	28	26	44	52	53	54	57	59	47	45	47	45	38	44	43	42	58	46
23	68	65	58	52	32	25	18	10	24	30	2	1	1	0	****	****	****	****	****	****	****	****	13	8	25
24	11	8	14	28	34	36	36	31	37	31	30	30	31	31	30	29	30	30	29	33	33	29	31	30	29
25	31	29	28	28	29	29	29	29	30	30	30	31	31	33	32	33	34	34	34	34	34	34	33	33	31
26	32	31	31	32	33	32	32	31	31	30	31	31	31	32	31	31	32	****	33	36	36	36	36	37	33
27	38	38	37	35	34	28	27	24	25	31	35	37	36	42	42	39	35	26	16	5	****	****	****	2	30
28	4	2	****	0	2	1	****	****	1	6	17	41	39	34	29	21	9	4	****	****	****	8	5	9	13
MEAN	21	21	22	21	22	22	21	18	20	25	27	30	31	31	34	32	30	27	25	23	23	21	21	20	24.4

PERCENTAGE OF DATA VALID - 94.5 PERCENTAGE OF DATA INVALID - 3.9 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	18	31	35	34	31	26	13	7	6	8	3	3	****	****	6	8	13	14	17	20	32	37	39	19
2	39	40	36	37	35	33	31	25	32	28	25	26	****	27	28	26	****	-	****	****	****	****	****	****	******
3	****	****	****	****	****	13	7	8	10	15	20	23	28	33	38	40	36	18	15	17	34	40	36	29	24
4	30	32	30	36	37	42	39	34	33	38	39	41	38	39	35	39	40	38	18	28	28	23	23	12	33
5	21	24	29	31	28	30	32	21	****	****	21	15	22	17	13	10	8	12	5	1	3	4	2	3	16
6	11	8	9	6	11	6	2	5	6	12	****	****	9	8	8	8	11	18	24	6	0	2	1	4	8
7	-	****	11	9	5	4	1	1	8	19	24	26	27	29	9	7	5	5	4	1	3	4	3	5	10
8	9	3	7	8	5	4	8	4	4	11	14	16	15	16	17	18	18	19	17	13	13	13	11	14	12
9	21	21	19	8	2	2	2	2	3	3	6	5	4	4	5	5	4	5	4	2	2	2	2	2	6
10	2	4	10	15	14	23	24	27	34	37	38	40	39	37	37	37	37	34	30	30	30	32	32	28	28
11	28	26	27	31	31	33	33	32	33	33	31	32	31	31	31	31	32	31	31	28	29	29	30	27	30
12	24	35	41	41	43	37	29	23	36	****	42	41	43	****	47	47	49	46	31	17	18	8	-	0	33
13	0	10	14	20	15	16	10	7	8	8	12	12	15	15	15	9	28	12	10	8	9	8	1	5	11
14	21	48	46	39	35	35	36	37	36	39	40	39	39	36	34	35	38	40	39	38	38	38	38	38	38
15	39	40	40	40	39	38	22	31	36	38	38	38	39	40	42	42	40	35	26	23	17	15	20	24	33
16	23	25	21	22	23	-	12	11	18	23	20	17	25	31	35	37	34	30	20	14	13	5	1	0	20
17	0	0	0	0	0	0	0	1	20	42	45	40	33	36	42	34	32	24	18	16	13	19	8	3	18
18	3	10	9	20	8	2	9	7	6	16	21	37	40	44	48	53	52	48	42	43	47	42	34	25	28
19	49	51	60	46	38	27	24	22	23	29	28	30	31	26	23	19	15	12	9	5	13	3	18	17	26
20	22	23	23	23	17	17	11	9	18	****	31	33	35	35	32	32	32	-	****	4	1	****	8	0	20
21	0	0	0	0	0	4	0	0	2	6	38	33	46	61	44	41	40	37	35	32	27	16	8	7	20
22	10	13	28	30	30	31	25	26	37	34	28	32	38	38	39	37	30	24	28	28	17	7	1	20	26
23	28	27	24	23	18	18	16	15	20	27	26	32	41	36	55	52	35	34	43	45	42	43	41	37	32
24	38	36	30	29	24	20	17	24	24	20	20	18	8	16	14	16	7	2	2	12	11	7	6	5	17
25	14	21	21	20	21	20	21	21	23	25	26	26	26	27	25	27	29	28	27	28	26	28	29	29	25
26	30	31	31	32	32	32	30	31	32	****	32	40	42	40	40	40	36	35	34	30	23	37	38	41	34
27	41	40	40	39	38	36	33	35	36	39	41	42	42	44	44	45	46	40	36	23	15	11	12	17	35
28	24	21	21	19	17	22	16	19	22	29	33	37	****	****	24	20	12	12	12	13	11	2	0	0	18
29	0	0	0	1	****	8	0	****	2	8	20	22	18	13	15	11	12	16	9	3	6	2	1	15	8
30	21	2	0	6	15	21	14	2	-	13	6	10	12	10	12	17	14	7	3	1	7	6	1	9	9
31	35	13	8	10	17	18	19	20	18	24	29	31	29	31	34	39	41	41	42	42	43	43	42	41	30
MEAN	21	21	22	23	22	21	18	17	20	23	27	28	28	29	30	28	27	25	22	19	19	18	17	17	22.5

PERCENTAGE OF DATA VALID - 95.2 PERCENTAGE OF DATA INVALID - 4.0 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	41	41	42	43	42	41	40	37	35	35	27	26	24	19	19	27	26	26	25	19	14	19	15	15	29
2	23	28	26	25	24	21	20	3	1	2	****	10	****	****	5	18	25	18	13	21	28	29	27	28	19
3	27	28	20	21	9	16	19	14	27	32	36	37	37	37	38	36	33	34	31	16	7	2	0	2	23
4	4	12	26	18	16	15	10	9	9	17	19	18	22	22	27	22	****	25	32	34	36	38	39	39	22
5	33	33	30	26	25	****	13	19	-	-	****	41	29	27	13	9	****	33	28	16	10	34	40	44	26
6	39	31	36	38	38	35	33	31	24	23	****	26	27	32	32	32	32	33	31	31	30	30	31	30	32
7	30	28	31	33	32	29	29	29	33	35	37	37	38	39	41	39	35	34	33	27	18	13	13	11	30
8	17	21	25	28	30	29	27	28	30	27	23	28	27	29	27	29	29	22	29	25	24	24	29	23	26
9	20	33	40	44	44	44	43	38	38	40	38	41	42	41	39	37	37	37	40	33	32	31	30	34	37
10	33	35	36	36	33	32	29	28	33	37	40	38	39	40	****	39	35	34	28	20	20	12	9	4	30
11	4	3	2	9	18	17	10	12	19	28	29	32	32	33	33	30	26	28	26	22	26	23	22	29	21
12	30	34	31	34	36	38	35	28	27	27	29	26	24	22	25	25	24	22	17	19	15	15	13	11	25
13	12	12	15	16	13	12	9	13	14	12	17	14	10	13	15	10	15	23	16	25	31	28	25	17	16
14	37	38	42	37	39	38	28	24	24	32	30	24	36	45	52	54	49	50	52	43	50	46	44	41	40
15	38	37	35	33	34	31	30	29	30	31	33	36	37	36	36	38	40	38	36	36	36	36	36	36	35
16	36	37	37	35	33	31	30	29	28	26	27	23	26	29	27	32	32	****	33	29	****	25	26	31	30
17	23	23	25	23	19	24	25	30	33	38	39	43	42	-	-	40	38	35	27	12	****	18	18	8	28
18	7	5	3	3	20	30	29	32	37	****	36	****	-	-	43	42	41	43	42	35	40	35	31	19	29
19	4	0	3	11	9	0	3	18	42	43	48	49	47	48	47	47	****	45	44	34	22	25	4	0	26
20	0	0	0	0	0	0	2	7	18	109	114	119	79	57	55	47	48	49	48	39	27	29	21	15	37
21	15	20	28	27	24	21	28	26	21	26	21	24	21	21	25	11	5	9	10	4	0	0	20	25	18
22	25	24	27	28	31	33	34	34	32	31	30	34	36	36	37	38	31	31	15	9	10	3	9	1	26
23	0	0	0	0	1	3	6	7	9	32	61	41	64	52	42	33	27	18	7	17	4	10	12	17	19
24	14	2	2	1	2	0	1	9	16	39	32	****	56	28	45	****	24	36	18	12	19	24	21	33	20
25	36	37	37	31	35	****	16	10	16	30	33	25	34	27	34	31	23	23	11	2	1	0	2	8	22
26	17	36	44	42	24	4	25	17	12	22	33	39	41	42	41	36	27	17	20	24	22	19	18	19	27
27	19	22	20	23	25	23	27	26	26	25	28	26	28	31	32	32	28	29	29	16	15	6	3	0	22
28	0	4	2	12	20	27	25	25	24	24	23	25	26	29	29	29	28	28	28	26	25	24	24	24	22
29	23	21	22	15	19	18	15	24	23	32	35	35	38	39	35	38	35	36	31	9	1	12	19	25	25
30	29	35	32	31	26	23	17	19	24	28	30	27	28	28	30	30	30	29	32	29	26	25	33	30	28
MEAN	21	23	24	24	24	23	22	22	24	32	35	34	35	33	33	32	30	31	28	23	21	21	21	21	26.4

PERCENTAGE OF DATA VALID - 96.7 PERCENTAGE OF DATA INVALID - 2.5 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	32	26	21	19	20	20	17	22	31	38	40	41	40	39	38	35	37	36	27	13	9	0	8	9	26
2	7	16	9	18	13	15	14	35	42	****	****	****	****	49	49	50	50	51	47	42	44	44	43	43	34
3	36	31	26	26	23	21	16	14	17	17	15	10	23	40	41	45	42	34	41	35	35	31	26	28	28
4	34	31	24	31	32	22	20	28	31	****	32	34	30	26	29	26	-	27	18	20	26	26	27	28	27
5	33	37	38	35	28	20	16	30	35	37	39	39	42	41	42	35	31	29	25	28	27	19	23	34	32
6	33	34	37	37	28	26	21	21	15	15	20	25	29	33	46	49	64	74	69	59	58	62	59	60	41
7	53	58	53	****	36	25	16	23	32	****	****	44	51	54	65	61	****	71	62	56	64	65	65	66	51
8	54	52	37	35	26	17	15	15	19	27	38	42	45	65	83	74	46	53	57	31	19	13	13	12	37
9	8	0	2	0	0	0	13	34	22	35	40	56	75	82	83	68	59	62	31	23	29	12	18	13	32
10	16	5	13	14	12	11	23	16	23	27	34	17	20	33	50	47	60	44	42	43	31	32	27	22	28
11	23	26	29	37	23	11	9	13	9	17	41	62	42	43	72	88	52	53	51	50	39	37	41	43	38
12	34	34	28	26	24	23	17	26	24	24	26	28	29	29	29	25	26	26	24	27	27	27	27	25	26
13	17	14	17	7	2	2	3	8	23	44	23	29	40	44	46	47	52	58	49	37	26	18	8	4	26
14	14	9	10	7	2	4	6	10	23	****	****	52	48	48	53	55	53	48	33	37	39	40	28	28	29
15	17	18	20	19	18	12	11	11	20	31	****	42	37	36	42	44	45	45	42	32	19	27	32	43	29
16	36	20	9	15	17	1	20	31	29	29	33	32	33	34	34	30	31	30	26	18	7	0	0	0	21
17	-	7	10	****	1	2	6	34	30	22	38	37	39	45	50	54	57	60	46	32	34	35	38	42	33
18	35	36	47	42	33	27	17	7	19	28	43	55	53	68	85	88	88	85	77	53	53	54	48	43	49
19	43	48	55	57	57	50	41	34	35	****	53	49	56	86	75	67	82	73	71	58	41	22	32	22	52
20	35	41	30	38	50	48	47	46	47	46	48	50	50	50	48	51	70	78	37	35	23	7	15	29	42
21	****	23	43	37	38	33	25	32	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
22	****	****	****	****	****	****	****	****	23	30	32	35	****	42	45	44	44	45	38	37	30	19	6	****	******
23	10	7	25	24	17	14	5	5	9	16	24	30	37	39	42	47	49	49	40	44	48	45	43	42	30
24	38	41	39	39	38	35	28	31	****	****	26	28	26	29	36	40	47	48	46	47	47	42	41	44	38
25	45	45	44	44	-	****	33	35	35	34	****	37	38	39	41	37	39	41	42	43	44	46	46	46	41
26	45	42	48	48	49	48	46	45	38	36	35	36	34	34	32	27	29	21	28	23	13	13	14	6	33
27	4	6	12	17	15	16	17	18	16	22	22	36	22	27	28	27	23	22	17	8	2	6	5	15	17
28	7	5	11	10	****	15	17	19	18	16	****	39	40	40	42	42	44	36	****	****	5	****	2	2	22
29	2	2	2	2	2	3	5	6	18	****	32	21	20	32	26	7	6	9	8	10	12	24	11	17	12
30	18	22	22	18	13	11	13	9	8	10	11	10	9	7	7	7	8	7	7	7	6	13	11	10	11
31	2	2	2	4	3	7	5	8	11	14	16	18	22	23	22	20	18	18	15	26	41	32	45	35	17
MEAN	26	25	25	25	22	19	18	22	24	27	32	36	37	42	46	45	45	44	38	34	30	28	27	28	31.0

PERCENTAGE OF DATA VALID - 92.7 PERCENTAGE OF DATA INVALID - 6.9 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	35	36	38	31	16	18	8	7	****	****	8	15	-	-	27	18	13	15	19	8	5	2	1	0	16
2	10	14	16	9	2	2	2	6	15	22	31	45	42	43	54	78	103	****	****	****	****	15	24	11	27
3	10	10	6	13	31	49	63	72	76	83	87	95	97	****	****	****	93	88	75	81	39	24	1	2	52
4	7	13	12	5	14	3	36	31	6	4	11	17	24	36	****	19	21	20	16	34	14	29	38	35	19
5	29	24	30	21	13	14	8	4	4	9	8	-	8	8	8	8	8	8	6	4	7	9	12	9	11
6	12	9	12	10	12	5	3	****	2	3	4	6	8	9	12	12	12	12	9	16	12	13	24	21	10
7	19	17	14	12	11	7	4	****	35	37	52	31	21	37	36	53	45	55	49	27	36	29	8	5	28
8	3	1	0	1	1	0	0	****	****	****	****	****	29	50	118	117	100	87	57	55	39	27	33	35	40
9	19	9	9	8	6	8	4	5	6	31	41	44	55	58	33	45	45	40	44	54	51	48	37	31	30
10	17	6	0	0	0	1	5	15	22	47	70	69	70	52	54	45	35	33	34	32	29	29	30	28	30
11	26	24	36	35	34	31	28	25	****	****	29	32	34	33	31	29	33	-	-	28	12	1	2	0	25
12	3	7	8	7	11	10	11	20	25	27	27	30	31	31	37	38	36	34	****	32	13	0	0	0	19
13	0	0	0	0	0	0	15	****	38	43	48	51	57	62	70	76	80	76	66	55	33	28	26	31	37
14	35	31	32	28	****	20	17	32	38	53	37	32	71	82	82	112	105	65	72	65	47	26	15	11	48
15	9	8	0	0	1	3	14	14	32	73	****	****	104	111	115	105	85	67	39	46	28	26	22	17	42
16	27	30	31	32	44	42	43	55	74	83	90	94	95	101	113	140	107	98	97	88	78	74	68	73	74
17	58	42	21	16	9	16	24	39	37	46	61	89	103	106	97	92	75	67	48	29	25	30	32	34	50
18	39	41	43	44	43	46	44	46	45	****	****	37	37	36	35	35	33	33	28	34	34	31	32	31	38
19	26	31	28	25	25	24	26	24	25	23	25	35	47	49	47	47	46	44	45	48	39	33	32	37	35
20	****	36	35	35	31	24	24	30	42	53	60	68	77	91	77	47	61	59	76	90	76	55	28	27	52
21	12	11	8	12	7	4	2	9	19	27	38	54	52	41	34	45	77	60	62	46	42	48	39	26	32
22	26	31	37	37	38	38	23	32	28	25	24	17	15	15	17	24	-	23	20	19	21	20	25	27	25
23	28	28	27	29	25	21	20	19	15	18	20	21	20	22	24	21	20	21	19	24	23	25	25	25	23
24	26	24	****	13	12	16	22	****	27	27	30	30	29	30	29	30	29	28	29	26	27	24	18	15	25
25	5	19	24	5	3	6	11	23	****	28	31	30	32	30	35	33	-	34	32	23	4	0	10	1	19
26	6	16	4	3	0	4	48	****	83	47	58	68	79	75	76	93	89	92	66	63	40	35	39	31	48
27	33	31	18	14	22	24	28	36	42	40	67	89	100	****	****	68	58	49	43	43	39	48	46	50	45
28	67	68	54	56	46	26	23	29	****	30	34	37	38	39	40	38	39	35	36	35	19	13	10	5	36
29	2	1	16	40	33	42	32	33	35	39	28	27	21	21	43	53	48	50	47	46	38	42	41	-	34
30	26	35	45	41	38	41	37	21	29	33	40	46	53	53	50	-	39	51	41	43	48	47	40	45	41
MEAN	21	22	21	19	18	18	21	26	32	37	39	45	50	49	52	54	55	48	44	41	32	28	25	23	33.8

PERCENTAGE OF DATA VALID - 94.0 PERCENTAGE OF DATA INVALID - 4.7 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	43	45	39	30	31	33	30	29	27	31	25	30	35	33	42	47	48	40	48	48	40	36	19	16	35
2	16	15	14	15	14	13	13	15	19	20	23	19	21	24	28	33	32	36	37	29	9	0	0	0	19
3	0	0	0	0	0	3	6	9	20	29	****	****	32	40	42	42	27	27	28	25	22	14	20	26	19
4	28	26	25	23	20	18	8	11	21	26	28	28	35	37	33	34	31	31	32	30	34	33	32	33	27
5	34	34	33	31	31	23	18	25	29	31	31	****	****	9	9	****	30	29	27	26	11	10	2	1	23
6	1	3	2	5	2	2	5	13	23	27	25	37	44	41	46	42	41	42	37	22	4	1	1	1	19
7	0	1	1	1	1	1	9	91	76	159	104	104	115	124	126	128	112	107	67	40	26	7	2	16	59
8	11	7	1	7	4	4	17	42	66	114	74	75	79	82	77	79	77	75	63	43	19	1	11	76	46
9	75	69	58	63	56	41	18	16	****	15	20	25	****	29	31	****	****	****	****	****	****	****	****	****	******
10	****	****	****	****	****	****	****	****	34	36	40	-	45	51	42	****	44	45	40	34	9	27	25	15	******
11	3	0	0	2	1	6	13	20	****	51	58	76	90	****	****	61	46	35	36	30	21	18	15	2	28
12	2	10	7	1	0	3	5	12	24	48	54	57	61	66	71	77	74	67	59	41	33	18	0	7	33
13	20	25	10	28	24	20	16	22	30	37	****	44	49	52	58	58	55	52	51	45	35	33	37	25	36
14	12	2	1	1	2	4	10	12	36	63	71	87	91	84	95	92	97	56	40	27	16	8	15	21	39
15	41	31	22	21	28	27	25	28	32	39	41	44	47	39	36	41	45	40	37	27	18	5	1	1	30
16	6	9	18	21	19	22	22	24	29	29	32	****	24	25	27	25	20	17	17	18	20	21	21	22	21
17	25	26	27	25	23	22	22	25	25	24	25	26	24	23	23	23	22	25	25	23	24	23	23	22	24
18	9	9	7	9	11	11	10	18	23	25	25	30	30	29	29	29	29	28	27	21	5	0	0	5	17
19	12	10	0	5	9	7	19	32	48	65	70	69	74	73	74	75	84	85	84	59	51	33	31	18	45
20	21	32	28	32	21	19	45	28	26	49	66	76	76	75	74	74	71	66	62	40	17	4	0	2	42
21	****	34	17	10	9	10	44	****	****	114	87	97	106	113	139	147	143	107	96	80	74	70	35	30	74
22	49	27	42	47	38	30	-	19	60	59	91	96	98	101	128	129	121	****	101	91	75	56	69	72	73
23	****	65	59	54	58	60	36	64	****	****	25	25	62	82	93	103	98	71	72	70	56	46	47	46	62
24	52	46	27	6	19	14	6	6	7	16	30	17	16	50	51	48	35	28	19	8	3	2	1	5	21
25	9	1	1	2	1	0	3	3	2	5	5	6	8	10	15	14	10	8	4	2	0	1	9	5	5
26	33	38	33	28	10	10	12	11	11	11	13	14	17	18	21	****	21	20	20	16	8	0	0	0	16
27	1	1	0	0	0	0	0	****	21	22	33	30	44	-	81	80	86	87	79	****	38	40	44	48	35
28	49	48	40	36	31	26	20	22	27	39	-	48	40	38	40	40	41	37	36	-	4	1	0	0	30
29	0	0	0	0	0	0	5	20	28	34	36	36	36	35	34	34	36	34	31	28	10	2	1	1	18
30	3	2	1	4	3	6	4	56	23	33	40	44	35	47	46	44	63	72	69	48	45	44	26	8	32
31	11	18	35	35	18	4	9	10	27	28	45	58	29	49	61	64	59	66	49	49	49	50	48	46	38
MEAN	20	21	18	18	16	15	16	24	29	43	43	48	50	51	56	62	57	49	46	36	26	20	18	19	33.2

PERCENTAGE OF DATA VALID - 94.0 PERCENTAGE OF DATA INVALID - 5.4 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	45	44	44	44	43	43	36	34	33	33	33	36	37	32	34	33	30	29	22	21	27	28	24	****	34
2	26	53	56	54	39	37	33	34	19	21	26	33	42	43	44	47	54	53	50	37	13	8	17	26	36
3	21	22	16	22	12	5	9	13	29	53	45	74	100	96	96	91	85	61	51	25	25	31	20	5	42
4	11	8	9	14	16	18	25	34	47	59	68	67	63	65	67	67	82	91	99	55	42	42	34	26	46
5	18	13	10	15	12	16	17	23	30	40	49	56	49	54	54	55	53	60	62	58	44	43	57	47	39
6	36	29	29	29	24	16	15	15	20	26	29	30	28	27	29	27	27	28	28	27	23	14	10	12	24
7	2	3	4	4	2	6	8	8	****	****	45	61	****	87	77	75	70	75	76	58	45	46	44	44	40
8	34	18	13	11	12	5	3	7	11	20	26	29	27	25	36	33	27	****	42	34	33	29	29	28	23
9	26	27	26	24	14	0	5	50	59	32	26	18	26	26	26	28	25	35	34	28	29	27	25	27	27
10	2	6	25	23	27	49	43	41	38	39	47	37	****	44	46	41	38	40	36	35	30	24	23	24	33
11	24	22	20	20	21	21	19	20	19	21	23	24	24	26	26	28	28	30	28	27	30	28	21	20	24
12	18	16	17	16	16	9	11	19	24	27	29	30	31	33	36	37	41	38	36	24	6	3	5	7	22
13	12	2	8	6	5	3	1	4	13	16	26	49	55	61	60	43	39	24	19	21	35	32	32	31	25
14	28	30	26	22	18	11	12	13	16	34	20	20	21	26	28	26	28	29	-	24	24	23	24	24	23
15	23	20	21	21	21	20	19	18	19	23	21	25	28	30	29	25	25	24	23	21	21	8	7	6	21
16	5	9	14	14	15	12	5	9	16	22	25	27	33	37	42	44	48	42	31	7	10	8	10	14	21
17	6	14	11	3	7	13	11	14	****	30	26	16	28	40	37	16	28	33	26	13	9	14	12	17	18
18	17	16	21	30	36	29	6	3	15	22	23	27	33	33	39	39	36	38	29	8	3	39	40	46	26
19	47	47	45	41	40	35	40	43	43	42	41	42	44	44	43	42	40	36	32	29	25	30	30	29	39
20	30	9	20	34	34	24	8	9	13	17	26	30	34	36	40	41	37	48	40	38	35	37	33	35	30
21	31	25	23	14	8	3	1	7	****	27	37	39	42	44	45	50	40	34	31	20	22	18	10	2	25
22	3	5	5	11	10	13	6	15	29	38	42	45	48	59	63	63	61	58	53	38	38	32	32	37	34
23	39	38	33	25	15	15	12	23	33	42	36	23	19	36	21	18	30	45	43	38	31	26	24	6	28
24	2	4	2	3	1	7	6	6	10	17	24	37	49	60	62	69	68	50	45	34	21	26	24	25	27
25	26	21	21	19	16	13	13	14	27	32	37	43	49	52	58	51	45	45	40	39	27	25	20	19	31
26	9	3	6	14	19	13	19	38	24	29	35	39	39	40	40	38	34	30	43	47	40	38	37	37	30
27	35	30	29	25	28	24	19	21	46	10	33	49	****	54	27	39	34	42	40	34	35	32	35	34	33
28	32	31	31	30	19	9	4	7	11	13	22	30	39	30	57	49	46	45	43	35	33	26	40	32	30
29	28	25	21	14	11	15	4	9	22	27	22	26	29	33	37	47	41	38	32	15	6	23	9	7	23
30	15	18	20	26	19	26	27	31	32	39	49	58	53	55	57	54	52	52	42	24	22	28	29	27	36
31	27	23	22	19	14	12	6	17	24	26	31	39	50	50	41	32	40	32	38	29	20	15	12	19	27
MEAN	22	20	21	21	19	17	14	19	26	29	33	37	40	44	45	43	43	43	40	30	26	26	25	24	29.5

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	29	27	28	29	25	16	23	34	67	82	52	65	82	88	91	90	81	76	62	58	29	37	37	51
2	21	27	15	5	4	6	5	9	11	9	13	25	37	49	52	53	50	43	45	40	33	31	31	30	27
3	33	30	27	22	18	16	15	24	30	38	38	34	28	27	26	24	25	22	23	19	19	19	19	18	25
4	17	17	18	21	20	18	11	8	16	23	25	27	****	26	27	28	29	28	23	8	5	14	18	13	19
5	11	14	5	9	19	15	6	****	****	42	50	62	66	70	76	77	81	73	57	33	19	26	15	11	38
6	9	10	8	8	27	20	26	33	49	65	64	79	77	62	69	85	75	63	53	45	29	10	27	31	43
7	28	24	22	18	15	9	5	7	11	13	15	17	20	19	18	16	15	14	14	16	18	19	21	21	16
8	20	19	20	20	19	17	15	9	10	8	12	12	12	17	21	24	25	23	16	5	0	0	0	0	14
9	0	0	2	3	3	8	9	15	74	42	31	30	34	****	****	52	40	33	14	12	14	6	5	8	20
10	11	32	15	19	14	3	8	11	16	****	49	44	54	59	52	42	37	35	35	32	25	22	20	24	29
11	26	25	21	17	15	17	11	14	13	****	41	25	34	35	36	-	32	31	16	2	2	9	8	14	20
12	16	15	17	10	6	1	1	5	11	66	33	20	60	54	57	73	73	74	87	78	70	66	60	55	42
13	48	41	35	32	27	24	16	22	12	30	42	48	19	33	30	27	42	40	41	48	46	39	36	36	34
14	34	33	36	31	29	30	28	25	15	17	17	****	22	21	19	20	20	16	12	14	11	11	11	8	21
15	7	5	0	0	0	0	0	3	7	12	23	27	31	35	38	42	43	40	30	19	15	16	18	17	18
16	16	16	17	15	14	14	15	18	26	29	29	35	43	53	61	64	59	53	41	30	19	4	17	24	30
17	13	5	5	12	14	8	13	23	35	****	****	65	75	79	89	87	77	69	42	26	26	21	14	1	36
18	4	16	25	27	35	32	26	28	37	44	48	57	69	71	71	62	53	41	40	****	21	15	15	14	37
19	17	19	21	22	21	21	18	16	21	28	30	31	30	30	30	28	27	****	7	1	3	3	9	13	19
20	17	16	13	19	16	5	0	3	13	16	28	29	31	41	50	47	47	36	16	8	1	1	1	0	19
21	0	0	2	1	4	8	12	****	11	21	29	30	26	23	23	24	24	21	18	18	****	22	21	23	16
22	23	23	24	25	26	25	21	20	22	22	22	24	24	26	28	29	28	28	25	25	27	22	13	12	24
23	13	17	17	16	16	17	18	18	16	19	23	25	28	31	31	32	31	25	15	9	5	3	12	13	19
24	17	16	16	15	12	6	2	4	10	15	23	15	13	18	20	25	22	20	29	25	20	15	3	2	15
25	7	17	3	1	3	0	0	6	19	39	51	54	60	58	59	64	54	49	44	33	27	24	25	24	30
26	17	13	14	17	24	24	23	18	24	****	66	19	37	48	62	82	67	32	4	11	13	3	0	1	27
27	1	1	0	0	1	0	0	3	71	30	16	32	35	30	37	42	56	47	44	45	45	42	39	36	27
28	36	36	35	30	9	7	2	3	10	11	11	16	22	39	40	34	34	26	13	11	16	9	9	10	20
29	11	10	0	0	1	3	2	3	4	5	15	32	59	67	78	78	91	74	49	38	37	34	37	31	32
30	27	26	20	27	24	9	1	6	9	39	69	93	67	90	77	53	43	42	39	38	35	30	26	23	38
MEAN	17	18	16	16	16	13	11	13	22	29	34	37	41	45	47	48	46	41	32	26	23	19	19	18	26.8

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 2.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	22	12	20	22	18	11	10	11	21	30	39	41	38	37	29	32	32	29	32	38	36	41	47	28
2	41	36	34	37	20	19	10	11	13	10	15	19	15	21	27	21	22	27	13	10	15	17	21	19	21
3	20	21	21	22	22	12	10	10	13	12	9	18	24	30	33	29	21	23	13	13	23	26	24	21	20
4	19	18	23	17	13	10	4	1	5	8	10	19	14	20	22	22	17	10	14	5	1	3	0	0	11
5	0	5	5	6	5	1	1	1	7	15	22	17	21	23	20	30	31	23	9	7	10	12	11	15	12
6	11	4	2	4	6	2	1	1	3	7	8	3	5	6	8	14	6	7	3	4	9	7	9	10	6
7	14	7	14	16	15	13	11	12	18	19	17	18	20	21	22	23	23	23	19	8	19	16	14	10	16
8	5	-	2	4	2	1	1	2	3	5	8	13	13	13	16	12	9	9	2	0	7	1	1	5	6
9	4	13	27	24	27	27	23	23	24	26	-	****	30	29	25	26	24	24	23	20	18	10	10	17	22
10	20	19	-	20	20	****	5	5	3	12	22	17	26	****	28	26	23	24	19	13	6	4	4	1	15
11	1	1	1	1	1	1	1	2	4	12	10	11	10	18	****	12	16	17	16	15	14	14	4	2	8
12	1	1	2	2	5	7	7	6	8	6	8	12	10	13	20	18	21	22	20	20	22	20	18	14	12
13	14	15	18	18	19	19	15	16	16	17	18	13	16	20	23	27	27	25	25	23	20	22	19	17	19
14	17	9	5	14	9	8	8	6	11	21	27	28	31	33	34	33	32	25	16	11	15	10	8	0	17
15	9	1	6	11	12	10	8	-	4	6	5	10	13	29	32	40	37	19	2	1	3	7	4	2	12
16	5	2	0	1	5	0	0	0	5	8	11	-	22	13	****	27	10	2	1	3	1	0	1	6	6
17	8	8	5	2	0	0	0	-	-	2	2	1	1	1	3	2	4	15	24	21	24	27	26	23	9
18	7	1	9	8	7	8	5	4	12	15	21	21	24	35	30	20	15	11	11	14	15	9	6	6	13
19	14	13	11	12	8	10	12	17	20	****	10	19	32	30	24	-	-	24	27	6	18	6	0	0	15
20	1	0	0	0	0	0	0	1	6	10	13	17	8	18	28	27	29	12	0	2	2	6	8	9	8
21	10	8	8	4	2	2	2	3	6	10	14	18	32	38	36	34	22	6	2	0	0	0	4	1	11
22	1	1	1	1	0	0	0	0	3	9	15	14	12	29	39	40	42	39	32	33	30	24	24	25	17
23	19	28	30	26	14	9	6	2	1	2	3	3	4	5	8	7	5	2	9	15	16	18	20	21	11
24	21	21	22	22	20	17	16	12	15	17	19	****	10	21	20	19	19	16	16	16	12	-	25	26	18
25	28	28	30	30	32	31	27	24	28	27	28	31	30	32	33	33	32	30	30	30	31	32	33	34	30
26	33	33	34	33	32	32	30	28	32	32	31	30	33	-	30	29	28	28	22	25	1	26	21	6	27
27	5	4	6	6	4	7	9	9	8	9	13	18	22	21	20	19	12	11	5	6	7	7	6	1	10
28	5	7	10	16	14	11	13	19	20	21	21	20	18	18	17	19	16	14	11	7	11	15	16	17	15
29	19	13	12	12	6	10	12	8	12	14	17	19	26	25	26	26	20	6	0	0	0	0	0	1	12
30	1	2	5	8	12	13	6	3	8	16	17	20	22	24	26	22	13	10	6	1	4	7	4	3	11
31	6	9	12	13	13	12	9	5	5	14	25	0	****	36	36	38	23	24	29	26	29	26	22	21	19
MEAN	12	12	12	13	12	10	8	8	11	13	16	17	20	23	25	24	21	18	14	12	14	14	13	12	14 7

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	22	31	36	37	35	27	11	17	20	18	12	16	10	15	9	3	9	9	16	20	19	19	14	18
2	4	4	4	4	10	12	14	14	6	0	****	21	23	25	23	25	21	12	5	3	2	1	2	4	10
3	6	7	14	9	5	1	0	1	5	10	14	20	21	26	21	18	19	13	8	9	-	11	8	-	11
4	5	5	4	6	6	7	4	11	9	21	26	28	30	31	30	29	24	13	10	7	6	5	6	6	14
5	5	5	7	6	3	3	2	1	4	10	11	7	23	27	19	2	12	6	5	6	8	9	1	1	8
6	2	1	3	4	1	0	0	0	3	5	11	15	8	10	8	7	6	8	18	22	18	18	19	21	9
7	23	25	28	27	28	27	27	26	18	17	22	23	23	23	25	22	19	16	9	5	2	1	1	0	18
8	2	3	0	0	0	-	****	0	1	2	6	8	9	13	14	15	16	7	5	9	7	4	1	1	6
9	3	1	0	0	0	0	0	0	1	4	1	****	3	****	2	2	1	0	0	-	0	0	0	1	1
10	0	0	3	15	21	23	24	24	26	25	23	25	23	22	25	****	21	19	18	9	14	9	0	0	16
11	1	1	-	1	8	20	24	26	24	28	26	30	-	32	32	32	29	25	25	24	23	22	21	20	22
12	22	21	23	-	23	8	0	0	2	13	31	29	26	24	26	26	13	1	0	0	1	0	0	1	13
13	2	1	1	0	0	0	0	0	5	11	16	20	21	25	23	20	16	14	5	5	6	3	6	8	9
14	11	11	15	16	13	14	16	11	11	16	23	26	27	24	13	20	14	15	13	12	10	7	2	1	14
15	1	3	4	4	2	1	1	1	1	1	2	4	4	5	4	5	****	****	7	12	12	18	19	24	6
16	29	30	29	29	27	24	23	20	12	17	24	23	27	28	24	20	13	4	2	1	0	0	0	2	17
17	5	8	7	6	6	7	6	6	8	11	18	25	32	36	37	36	22	4	0	0	0	1	4	0	12
18	0	1	1	1	1	1	1	1	7	21	21	59	48	36	22	17	11	2	0	0	0	1	1	3	11
19	0	1	1	1	1	1	0	1	1	2	****	****	19	41	40	31	15	19	21	11	14	9	9	2	11
20	****	****	4	3	1	4	4	2	4	11	14	21	21	****	26	27	13	7	8	4	15	13	15	16	11
21	16	22	22	19	18	17	15	8	6	7	5	6	8	9	11	9	4	-	1	3	3	2	0	0	9
22	7	5	10	2	2	2	2	2	3	3	2	4	4	3	9	10	3	5	3	1	2	1	3	9	4
23	10	20	6	20	27	20	16	14	19	13	10	9	18	4	5	5	3	0	3	3	7	3	6	8	10
24	11	-	15	12	11	10	7	8	8	14	20	19	21	17	15	12	6	14	12	8	7	****	4	2	12
25	5	9	8	3	2	1	2	2	2	2	5	10	11	10	11	5	4	3	3	5	4	1	3	7	5
26	13	15	16	22	21	22	23	16	8	6	4	6	9	10	14	18	18	22	22	23	25	22	15	22	16
27	22	22	21	21	17	17	18	14	7	10	10	12	11	10	12	****	4	2	0	9	14	17	21	20	14
28	20	20	18	17	18	15	10	8	8	12	14	15	15	15	16	13	12	10	10	7	8	8	7	7	13
29	8	6	4	4	5	6	4	1	3	6	8	9	9	11	12	****	-	****	****	5	3	4	7	11	6
30	8	10	13	13	14	12	9	8	8	10	12	14	13	15	12	13	9	6	7	7	5	5	4	2	10
MEAN	9	10	11	10	11	11	10	8	8	11	14	18	18	19	18	17	13	9	8	8	8	7	7	7	11.2

PERCENTAGE OF DATA VALID - 96.3 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	4	3	1	0	0	2	4	6	7	8	7	5	****	2	3	8	7	4	1	8	7	4
2	0	13	18	19	19	19	18	20	19	19	20	20	20	21	19	17	16	9	6	6	13	7	0	0	14
3	0	0	0	1	7	6	6	6	2	5	10	10	11	8	7	2	****	0	0	2	6	7	8	7	5
4	5	4	1	0	0	0	0	0	1	5	11	14	16	15	15	14	12	6	9	4	0	0	0	0	6
5	0	0	0	0	0	1	0	0	1	3	6	10	19	15	****	35	21	12	10	9	26	28	31	24	11
6	19	12	7	11	14	14	14	10	6	9	10	9	8	12	10	3	3	0	0	0	0	1	4	1	7
7	0	0	0	0	0	3	7	6	3	2	0	****	2	1	1	1	11	13	9	6	4	5	9	18	4
8	22	25	28	28	27	26	26	24	25	25	27	26	27	28	27	23	18	15	****	14	12	15	12	14	22
9	14	16	10	3	4	3	1	0	1	6	4	4	7	14	16	14	10	5	8	7	4	1	2	1	6
10	0	1	0	0	0	0	0	0	0	4	5	8	9	4	3	2	0	0	0	0	0	0	0	0	2
11	0	0	0	0	0	0	0	0	1	1	2	7	8	11	12	8	12	1	3	2	0	3	2	0	3
12	1	0	4	11	12	20	19	18	13	13	17	19	21	20	21	21	22	22	20	22	23	24	22	22	17
13	21	20	21	18	17	18	17	10	6	11	13	22	21	17	17	21	19	10	15	5	4	5	9	6	14
14	3	2	5	12	17	10	9	3	2	8	****	****	22	****	23	****	15	12	4	3	3	7	11	8	9
15	0	0	1	0	0	0	0	0	1	3	9	13	14	13	12	7	2	0	0	0	0	0	0	0	3
16	0	0	0	2	3	1	0	0	0	1	1	20	24	24	24	24	26	26	26	27	31	32	33	33	15
17	33	33	32	29	20	14	15	16	15	20	23	26	28	28	27	26	21	16	12	12	15	16	15	12	21
18	3	0	0	1	2	1	0	0	2	6	11	13	17	13	15	8	0	0	0	0	0	0	0	1	4
19	2	0	0	0	0	0	0	0	0	3	5	4	****	7	6	4	1	0	0	0	0	0	0	0	1
20	0	1	2	2	1	0	1	1	2	3	6	7	7	6	6	2	1	0	0	0	0	0	0	0	2
21	0	0	0	0	0	0	0	0	0	2	8	11	12	11	9	5	2	1	1	0	1	2	4	3	3
22	1	1	2	2	1	0	1	1	0	1	1	1	1	1	0	0	1	0	1	2	6	1	0	4	1
23	1	0	0	0	0	2	0	0	0	1	1	4	4	5	2	1	0	0	0	0	0	0	0	0	1
24	0	1	4	6	4	3	4	5	11	11	6	4	3	2	3	2	4	3	3	4	5	4	2	1	4
25	1	0	2	4	6	6	7	9	14	17	17	16	19	21	22	22	23	25	26	25	26	25	25	24	16
26	23	24	24	23	24	22	21	23	22	21	19	18	17	15	14	11	13	12	19	22	17	9	12	17	18
27	17	17	15	23	25	25	25	24	23	24	23	22	24	23	24	22	18	18	12	11	14	6	5	4	19
28	6	9	15	21	22	22	19	18	18	1	****	19	21	20	20	16	9	5	5	9	9	15	16	17	14
29	16	14	12	6	4	1	1	1	4	7	11	13	14	17	17	15	8	1	4	4	8	14	10	4	9
30	6	8	10	8	5	6	5	3	9	14	18	22	22	22	20	20	16	16	19	15	13	6	1	1	12
31	0	5	4	6	2	7	3	1	0	1	1	4	4	3	7	9	7	6	2	0	0	1	1	-	3
MEAN	6	7	7	8	8	7	7	6	7	8	10	13	14	13	13	12	10	8	7	7	8	8	8	8	8.8

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	16.9	31	39
FEB	28	24.4	46	68
MAR	30	22.5	38	61
APR	30	26.4	40	119
MAY	29	31.0	52	88
JUN	30	33.8	74	140
JUL	29	33.2	74	159
AUG	31	29.5	46	100
SEP	30	26.8	51	93
OCT	31	14.7	30	47
NOV	30	11.2	22	59
DEC	31	8.8	22	35
YEAR	360	23.2	74	159

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	239	399	81	0	0	0	0	0	719
FEB	112	297	208	18	0	0	0	0	635
MAR	181	282	238	7	0	0	0	0	708
APR	92	339	252	10	0	3	0	0	696
MAY	97	246	268	69	10	0	0	0	690
JUN	122	219	212	79	30	14	1	0	677
JUL	164	226	170	91	25	13	9	1	699
AUG	91	335	240	59	9	0	0	0	734
SEP	133	349	129	78	15	0	0	0	704
OCT	295	369	61	0	0	0	0	0	725
NOV	384	290	18	1	0	0	0	0	693
DEC	465	258	9	0	0	0	0	0	732
YEAR	2375	3609	1886	412	89	30	10	1	8412

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										
96.0	0	1.3	11.0	20.8	29.5	43.4	55.5	75.3	88.5	159	23.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	4	8	9	12	12	12	13	14	14	14	13	13	14	15	17	17	19	20	25	29	30	31	15
2	30	32	33	33	34	34	32	30	28	28	28	25	23	27	26	26	28	27	27	29	25	19	23	18	28
3	7	14	9	10	11	11	11	11	9	8	9	10	14	15	14	14	11	14	10	5	3	8	16	8	11
4	8	14	16	16	20	24	22	20	19	20	19	23	29	27	29	29	27	26	29	****	22	28	29	29	23
5	28	28	28	26	19	15	21	14	20	19	22	20	19	14	11	7	3	3	0	6	5	0	0	0	14
6	5	4	4	0	0	0	0	3	7	11	15	14	16	19	20	18	15	19	23	14	16	11	5	0	10
7	0	0	0	0	0	0	0	1	4	5	9	13	16	24	26	30	29	27	23	25	24	27	25	20	14
8	23	21	22	26	22	22	25	18	21	27	27	25	22	13	16	18	19	16	19	12	8	17	18	17	20
9	5	0	3	3	13	10	9	6	4	5	9	10	10	13	13	10	10	7	9	5	7	4	11	17	8
10	17	17	13	15	15	9	5	0	4	8	15	20	30	29	30	30	26	20	13	9	12	9	6	5	15
11	1	0	0	0	0	0	0	2	3	9	12	19	22	26	30	25	26	19	11	7	4	5	12	5	10
12	6	9	9	6	2	3	6	8	11	12	14	14	22	24	25	24	18	7	7	9	7	7	5	6	11
13	3	3	3	2	0	2	2	0	3	7	7	9	13	14	15	15	10	6	9	10	10	6	3	0	6
14	0	0	0	2	8	23	22	22	25	26	34	32	32	34	34	35	35	33	30	29	30	29	32	32	24
15	32	22	22	28	31	11	12	6	6	10	14	12	15	12	13	14	8	6	4	5	11	8	12	20	14
16	22	17	11	10	2	4	5	5	5	11	14	24	29	30	30	26	24	14	26	23	19	26	20	22	17
17	19	11	8	8	8	3	2	2	6	8	5	9	10	12	20	30	27	22	25	28	33	30	31	32	16
18	35	34	32	31	30	30	32	29	29	29	31	32	34	35	37	37	35	12	23	22	24	18	23	18	29
19	25	24	25	26	21	21	16	16	19	20	20	25	26	28	31	34	33	31	30	24	22	16	17	16	24
20	12	14	13	9	9	9	8	8	10	12	13	14	15	14	14	12	10	6	4	0	0	0	0	0	9
21	0	0	0	0	0	0	3	4	6	11	13	14	15	16	16	16	17	17	20	20	20	17	21	26	11
22	23	24	26	30	30	31	32	31	30	33	36	39	40	38	37	35	36	34	27	29	22	34	30	9	31
23	6	19	21	31	28	27	28	25	20	18	18	18	20	24	22	18	21	24	30	29	29	26	24	22	23
24	18	18	19	19	21	21	21	22	22	22	23	24	24	25	23	20	8	3	0	3	14	9	11	18	17
25	19	23	25	25	26	27	27	27	28	29	29	30	31	31	32	32	30	30	30	29	29	28	28	28	28
26	30	28	28	27	28	28	28	26	27	27	27	****	26	27	27	26	25	23	26	24	28	29	29	29	27
27	28	26	25	25	23	24	24	24	21	21	23	25	28	28	28	27	28	27	25	23	22	25	26	26	25
28	26	26	26	26	26	25	25	24	23	23	23	24	26	25	26	26	26	26	27	27	27	28	30	28	26
29	28	29	29	29	29	28	27	28	31	31	31	30	33	33	33	33	31	31	29	28	28	30	32	33	30
30	34	34	34	34	34	34	34	32	32	32	34	****	33	36	39	36	35	30	27	25	24	25	22	19	31
31	17	19	24	25	26	25	29	31	32	32	32	35	35	34	34	34	32	31	31	32	28	29	29	29	29
MEAN	16	16	17	17	17	17	17	16	17	18	20	21	23	24	25	24	23	20	20	18	19	19	19	18	19.1

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	33	33	33	33	33	32	35	35	35	34	32	34	36	36	37	37	37	36	31	27	19	27	29	31	33
2	34	34	32	32	32	30	29	27	22	26	29	****	29	31	37	31	28	22	9	10	22	17	12	15	26
3	5	5	6	5	4	2	0	0	5	10	16	25	31	31	30	24	24	21	17	14	14	13	13	13	14
4	13	7	0	0	14	24	36	32	32	32	32	34	36	36	37	38	37	34	30	31	29	26	23	22	26
5	24	24	27	26	26	25	24	20	17	18	22	24	26	27	28	26	26	24	20	18	7	17	20	12	22
6	8	3	0	0	0	0	0	0	5	8	16	22	29	31	35	38	37	34	31	23	17	14	8	2	15
7	0	0	0	0	0	0	0	0	2	4	6	12	****	14	15	14	12	14	13	34	28	26	27	29	11
8	25	19	14	21	18	17	19	17	17	22	26	29	31	32	34	37	37	36	35	34	34	33	34	34	27
9	31	30	34	33	32	32	32	23	14	14	22	29	29	32	34	34	28	31	27	23	18	18	9	3	26
10	8	4	3	5	6	6	14	30	32	32	34	35	35	35	35	36	36	36	31	25	23	23	27	28	24
11	31	31	29	29	31	30	28	29	31	33	33	34	37	37	35	35	37	35	34	31	31	29	26	22	32
12	26	26	24	26	27	29	27	24	26	24	26	33	36	36	39	39	38	33	27	37	36	36	35	34	31
13	33	34	33	30	29	31	31	29	29	28	30	32	36	36	36	36	32	21	18	9	5	13	17	19	27
14	19	25	31	32	31	30	26	20	25	28	30	29	32	31	31	33	34	31	31	22	14	21	20	18	27
15	10	7	21	21	16	23	15	6	16	24	30	30	30	33	34	34	31	31	32	33	34	32	32	31	25
16	30	18	19	24	31	33	34	30	29	30	33	34	35	35	32	34	35	35	36	37	37	36	36	36	32
17	37	36	37	35	35	36	36	35	34	34	36	37	38	38	38	39	40	40	36	33	32	37	36	35	36
18	33	31	28	18	17	14	3	13	17	21	24	28	34	33	34	34	37	33	28	28	30	30	30	28	26
19	27	25	24	22	20	17	12	8	10	13	20	27	37	37	44	53	28	52	31	27	25	26	29	24	27
20	26	27	28	24	23	22	14	14	16	20	26	31	40	42	45	51	54	58	49	46	44	41	37	33	34
21	29	28	23	16	19	15	8	14	20	30	34	33	28	19	9	18	24	32	44	47	52	55	54	54	29
22	53	53	51	41	42	42	35	34	23	22	42	52	60	65	66	66	71	66	61	63	63	61	58	65	52
23	64	54	45	37	33	34	31	28	24	19	15	9	****	14	14	13	9	4	0	0	0	0	14	21	21
24	22	19	22	32	37	42	44	45	45	41	38	37	36	36	36	35	35	36	36	37	37	36	36	36	36
25	36	35	34	33	32	31	32	31	33	33	34	34	39	39	39	39	39	39	39	38	38	37	36	36	36
26	37	36	37	37	36	36	35	35	35	34	34	34	36	36	36	36	36	36	37	39	39	38	40	40	36
27	42	42	41	41	40	40	39	37	35	36	37	38	42	43	45	46	48	37	13	20	19	29	25	21	36
28	25	24	18	11	7	6	3	0	3	9	18	28	49	48	40	41	31	22	22	49	44	45	43	39	26
MEAN	27	25	25	24	24	24	23	22	23	24	28	31	36	34	35	36	34	33	29	30	28	29	29	28	28.3

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	43	41	47	49	49	47	43	32	28	27	27	21	24	21	19	13	5	4	12	25	30	29	35	37	30
2	40	41	41	41	39	37	36	35	36	34	35	37	42	41	40	38	34	36	37	39	38	40	42	42	38
3	40	39	35	28	25	21	19	18	18	21	23	28	35	39	47	47	46	46	40	48	53	49	44	39	35
4	38	35	32	34	40	40	37	32	34	39	40	43	44	46	48	48	48	46	39	36	29	27	21	22	37
5	18	18	20	26	26	25	27	31	30	22	21	24	27	****	18	22	27	30	28	25	23	21	26	26	24
6	26	23	22	23	23	24	22	24	21	21	23	23	19	23	27	29	27	32	27	21	24	16	20	26	24
7	29	31	35	32	24	16	16	19	23	27	30	34	39	41	44	****	****	32	14	15	21	20	20	20	26
8	18	6	3	0	12	5	7	10	16	31	34	36	42	42	42	42	40	36	34	29	28	26	26	25	25
9	23	20	17	17	13	15	14	10	14	19	24	24	23	18	21	28	20	17	14	9	7	9	3	0	16
10	0	0	0	7	10	9	13	19	24	24	18	23	21	20	28	24	27	27	25	24	25	24	24	23	18
11	22	25	27	25	23	24	24	21	19	18	22	21	21	21	19	18	18	19	17	22	20	22	22	21	21
12	22	23	29	32	32	30	24	22	26	31	31	32	31	33	36	37	34	34	31	32	28	26	29	29	30
13	27	28	26	20	14	11	10	16	20	23	25	25	****	32	32	29	29	29	29	30	32	34	32	32	25
14	28	25	32	27	24	23	28	32	29	31	32	30	30	29	28	27	32	33	33	33	33	33	33	32	30
15	34	34	33	32	33	33	30	28	28	30	31	30	31	31	31	31	30	31	29	25	13	10	10	12	28
16	21	23	18	15	13	11	10	5	16	16	20	24	30	32	34	30	31	29	22	12	14	11	2	0	18
17	0	0	0	0	0	0	0	0	7	14	21	28	34	38	41	43	37	33	27	28	27	29	27	24	19
18	23	25	30	27	28	21	25	18	22	34	35	38	45	46	48	51	50	48	45	45	45	41	43	42	36
19	53	53	46	37	22	25	29	29	29	29	29	29	29	29	****	25	28	30	22	23	20	19	18	17	29
20	20	23	25	24	28	27	26	23	25	27	29	30	34	35	37	39	38	36	27	19	24	25	17	9	27
21	21	12	12	14	9	10	11	4	8	20	36	38	39	39	42	42	38	36	35	28	22	25	18	11	24
22	8	9	20	22	17	11	9	5	8	17	19	25	38	36	****	48	53	54	44	32	34	32	28	33	26
23	29	32	30	27	25	26	27	28	28	32	34	35	42	53	60	57	52	44	43	43	43	41	38	37	38
24	37	35	34	31	24	23	21	19	22	24	24	26	27	28	12	16	27	21	22	21	16	10	13	10	23
25	9	11	18	17	17	17	18	18	19	20	21	22	23	24	24	24	24	25	26	26	26	27	27	27	21
26	27	28	29	29	29	29	28	26	26	29	29	30	30	31	31	33	35	36	34	31	28	31	35	37	30
27	38	38	37	36	35	34	32	28	34	35	35	35	36	36	36	37	37	38	37	35	30	34	30	31	35
28	30	29	25	24	28	28	20	24	32	32	32	35	38	37	31	27	21	21	24	24	24	24	23	26	27
29	25	24	24	26	23	21	21	17	15	13	17	22	22	18	15	16	14	12	10	5	13	26	33	32	19
30	30	30	25	20	22	29	31	32	32	32	32	35	35	35	36	36	37	37	34	33	34	37	35	34	32
31	28	16	20	20	19	20	22	24	28	26	29	30	29	33	35	37	37	37	37	37	38	38	38	38	30
MEAN	26	25	26	25	23	22	22	21	23	26	28	29	32	33	33	33	33	32	29	28	27	27	26	26	27.2

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	36	36	36	36	37	35	35	31	32	31	31	31	27	26	30	31	30	30	25	22	17	20	19	18	29
2	21	25	27	26	23	20	17	15	12	9	7	7	7	5	5	12	25	27	****	17	27	28	29	27	18
3	25	29	31	33	33	30	27	25	30	31	32	34	36	36	37	37	38	37	36	29	20	26	20	9	30
4	14	27	28	24	19	17	19	15	12	18	22	24	28	28	28	29	32	28	29	29	33	33	33	33	25
5	33	33	33	33	33	32	30	27	26	29	32	33	34	31	34	37	38	41	43	46	42	39	34	40	35
6	-	-	-	-	-	-	34	32	31	31	30	31	31	33	34	34	33	34	33	33	34	34	34	33	33
7	35	36	37	37	36	36	36	35	32	32	35	33	35	36	37	38	38	38	37	37	35	36	34	34	36
8	30	33	35	35	32	29	30	33	34	30	30	34	35	35	34	37	34	33	37	35	30	33	34	34	33
9	32	27	36	37	41	44	44	43	40	38	38	38	39	39	39	39	39	39	41	42	43	44	42	40	39
10	39	39	37	37	37	36	32	27	26	33	35	36	36	36	36	39	39	38	34	27	29	29	26	31	34
11	30	29	25	27	21	19	14	21	25	32	33	35	39	****	35	35	36	36	27	27	30	30	34	34	29
12	35	33	32	37	37	37	35	35	32	32	32	30	31	30	30	30	30	27	27	29	22	20	18	17	30
13	16	18	19	17	16	17	17	17	19	22	21	20	22	24	25	27	31	23	26	33	35	34	34	32	24
14	33	37	37	39	44	39	29	23	25	26	27	36	38	40	43	44	46	45	44	43	43	44	39	36	38
15	34	32	32	31	30	28	28	26	25	27	27	30	32	32	30	30	32	33	33	32	31	32	34	35	31
16	35	34	34	31	31	30	28	25	25	24	23	26	26	29	30	32	33	33	33	34	33	28	27	22	29
17	22	27	28	26	21	19	28	27	29	30	36	37	36	36	36	****	23	24	24	24	20	17	18	21	26
18	20	23	26	19	16	20	24	28	29	31	34	34	36	36	36	36	36	36	36	37	35	34	27	16	29
19	15	16	19	24	22	14	11	15	24	34	35	36	39	40	41	42	40	39	37	27	19	19	9	9	26
20	6	19	24	31	25	30	27	23	27	34	37	39	41	42	43	45	47	49	51	36	29	25	22	28	33
21	27	32	27	30	29	26	22	25	26	26	32	32	38	39	29	34	27	24	22	18	19	12	5	22	26
22	24	21	24	27	28	28	28	27	27	26	26	26	26	29	30	33	37	41	37	26	25	20	16	19	27
23	18	16	16	17	14	12	14	11	9	14	27	39	34	48	52	58	59	59	54	40	17	13	9	29	28
24	29	30	32	28	29	27	22	28	25	26	32	30	34	37	57	53	57	54	46	39	31	24	32	40	35
25	37	38	36	35	28	30	28	24	21	****	37	49	43	51	60	54	46	38	41	32	34	35	33	31	37
26	32	44	47	47	42	43	34	28	30	32	41	41	43	46	46	43	41	31	27	26	26	26	23	23	36
27	23	24	26	27	27	28	29	30	29	29	30	30	31	33	33	35	35	32	35	35	30	23	15	16	29
28	14	14	14	25	31	30	28	28	26	25	25	25	26	27	28	30	31	32	32	32	31	31	31	29	27
29	32	30	28	26	24	24	25	22	21	30	36	42	42	45	46	45	39	38	38	30	32	29	32	35	33
30	37	40	39	38	34	30	30	32	32	32	33	26	25	31	33	31	29	32	34	27	20	25	30	32	31
MEAN	27	29	30	30	29	28	27	26	26	28	31	32	33	34	36	37	37	36	35	31	29	28	26	28	30.5

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	31	29	21	20	22	20	23	27	31	35	36	38	39	****	****	****	****	****	****	****	****	****	****	******
2												-	OATA	INVALID	-										
3	****	****	****	****	****	****	****	****	****	****	****	42	41	40	34	40	39	45	47	44	43	42	41	39	******
4	33	26	23	34	33	32	31	31	32	32	32	34	35	34	32	32	32	32	32	24	26	31	32	31	31
5	33	39	32	35	34	24	14	31	31	35	38	40	42	51	36	42	30	41	43	45	42	40	38	38	36
6	40	43	43	43	41	36	31	31	31	31	35	44	48	49	57	62	66	71	66	58	55	57	56	56	48
7	59	54	41	37	33	28	26	28	31	40	46	51	56	64	****	63	65	66	59	62	66	66	63	60	51
8	58	52	42	34	27	23	20	25	29	36	48	57	71	78	76	74	74	75	70	59	55	46	38	36	50
9	36	33	25	18	18	12	11	13	18	31	41	53	70	82	79	68	75	63	59	44	41	36	34	31	41
10	30	28	34	31	34	31	26	14	13	13	20	26	31	45	57	52	48	47	45	45	42	35	31	32	34
11	37	39	32	30	20	10	9	17	21	21	41	55	58	****	68	85	79	76	63	63	47	36	32	36	42
12	37	38	28	23	23	25	20	26	24	23	24	26	26	27	26	27	27	27	27	28	27	28	28	28	27
13	25	25	20	21	15	7	9	18	23	26	29	30	27	28	38	43	45	55	58	45	30	30	34	31	30
14	27	25	23	19	14	8	10	22	19	21	18	28	38	****	40	49	50	47	41	30	22	31	38	36	29
15	29	27	28	34	33	27	26	21	18	24	34	40	45	43	44	41	37	37	38	36	34	31	24	21	32
16	24	26	13	26	25	25	21	22	25	25	26	28	31	30	30	29	31	31	30	20	6	5	6	10	23
17	19	12	13	11	14	12	21	25	31	33	37	40	44	44	46	43	48	53	52	43	36	30	35	36	32
18	40	40	39	40	36	24	22	23	25	27	44	52	63	58	67	73	77	74	66	52	49	43	44	40	47
19	39	43	46	45	42	38	32	30	29	35	39	49	63	73	77	80	66	68	63	51	43	36	25	29	48
20	17	22	28	26	40	39	37	36	36	38	41	42	40	40	42	47	54	66	58	45	30	24	22	12	37
21	17	17	20	32	30	32	30	26	24	25	25	26	24	23	24	24	22	22	23	22	16	8	0	12	22
22	14	9	8	4	6	6	14	16	19	28	32	34	40	40	40	42	44	46	36	32	29	22	19	23	25
23	25	14	11	19	21	17	22	19	23	24	35	45	42	43	44	45	43	41	40	40	38	37	32	29	31
24	34	34	34	34	33	31	29	29	28	25	25	24	27	29	31	32	34	38	38	38	39	39	37	37	32
25	39	39	39	38	36	33	31	31	31	30	32	34	32	29	30	31	31	32	32	33	34	36	37	37	34
26	37	38	38	39	39	38	38	36	34	28	25	29	30	30	28	27	26	25	23	20	18	13	14	12	29
27	14	15	15	13	13	13	12	13	13	12	18	27	22	20	22	27	22	20	20	18	13	12	13	16	17
28	20	20	17	9	4	2	2	12	14	11	17	24	28	32	32	33	34	32	30	27	17	0	3	1	18
29	10	6	11	18	15	10	6	3	6	17	21	19	20	25	30	34	33	32	34	31	25	19	14	8	19
30	10	13	9	7	8	11	13	16	19	22	24	21	24	22	19	23	31	37	40	37	24	1	9	10	19
31	9	10	17	29	32	28	30	34	37	41	42	49	59	62	68	72	75	74	65	55	23	14	10	4	39
MEAN	29	28	26	27	25	22	21	23	25	27	32	37	41	42	43	46	46	47	45	40	33	29	28	27	32.9

PERCENTAGE OF DATA VALID - 93.5 PERCENTAGE OF DATA INVALID - 6.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	34	33	32	17	12	18	33	29	34	50	118	113	89	56	42	60	68	58	58	31	27	24	20	45
2	19	16	12	8	8	5	7	11	15	53	71	48	66	55	38	40	77	84	78	57	38	29	25	25	37
3	23	20	13	5	6	9	13	26	36	45	54	63	68	63	72	85	82	76	70	62	42	38	34	31	43
4	27	25	18	11	5	6	8	11	20	29	39	63	81	84	110	96	68	65	52	53	46	52	50	38	44
5	40	38	35	22	10	12	17	27	35	39	36	36	35	33	33	31	29	29	28	28	25	18	11	11	27
6	17	13	12	9	9	9	7	10	14	22	29	44	59	49	60	68	56	68	78	69	62	59	60	60	39
7	48	43	40	36	32	28	23	24	27	41	47	55	59	55	58	59	59	58	62	56	48	42	41	36	45
8	34	32	29	23	15	14	15	19	24	36	33	35	56	72	80	89	94	97	83	67	46	38	37	36	46
9	34	42	43	40	37	35	34	29	27	34	39	51	59	63	68	66	69	68	69	71	69	63	55	43	50
10	37	35	29	24	18	19	22	27	39	50	65	73	73	66	61	56	44	37	31	32	31	26	26	22	39
11	28	28	35	37	35	35	32	32	31	31	31	31	31	31	31	30	31	31	30	25	15	8	4	3	27
12	3	0	0	0	0	2	8	14	23	27	28	28	****	28	31	34	36	36	36	31	19	10	9	9	18
13	12	12	13	13	16	10	14	22	34	32	32	49	56	64	69	66	61	66	68	58	39	29	33	29	37
14	30	30	29	25	25	22	20	27	38	49	54	62	71	73	80	101	109	104	96	84	74	65	58	51	57
15	53	47	43	37	28	30	30	32	36	46	68	88	109	120	121	117	116	112	94	84	75	62	52	44	69
16	39	34	40	41	35	37	48	56	65	76	85	89	97	92	101	119	99	97	105	97	88	74	73	77	74
17	77	66	58	46	43	41	38	46	65	81	86	88	95	119	117	94	85	68	45	34	30	30	30	32	63
18	36	38	39	41	41	41	41	42	42	39	39	38	39	38	37	36	36	36	36	36	29	9	7	7	34
19	4	7	9	2	5	7	7	15	27	39	41	45	53	52	40	46	50	48	49	52	53	54	46	43	33
20	40	38	36	29	34	32	29	33	41	50	58	65	85	90	74	69	68	89	92	88	64	52	45	45	56
21	43	42	43	38	38	35	36	38	38	40	43	49	56	60	64	61	65	73	72	61	54	39	43	35	49
22	26	27	30	29	7	12	29	25	30	29	24	20	17	16	18	26	27	28	25	24	25	27	23	25	24
23	32	32	32	32	29	27	24	21	19	15	18	23	22	22	23	24	23	23	21	23	25	26	24	24	24
24	23	24	19	11	12	6	16	24	27	28	29	30	29	29	29	29	29	29	29	28	26	25	19	17	24
25	20	12	8	9	9	9	19	27	28	28	29	31	32	-	31	35	36	38	37	28	27	27	23	18	24
26	24	17	20	26	23	18	23	28	40	41	56	63	70	71	71	69	76	93	87	81	74	68	65	66	53
27	63	61	56	44	37	32	27	29	32	35	42	70	83	97	91	72	69	63	60	60	65	65	59	59	57
28	56	56	53	50	37	44	37	30	29	29	30	32	36	40	41	40	43	44	41	28	14	13	17	12	36
29	24	27	38	40	35	33	42	48	49	53	55	57	56	58	57	58	58	55	58	52	51	46	46	46	48
30	41	40	38	32	33	32	31	30	36	39	41	47	54	58	59	57	56	53	50	42	31	23	25	28	41
MEAN	33	31	30	26	23	22	24	28	33	40	45	53	61	62	61	61	60	61	58	52	44	38	35	33	42.2

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	35	31	31	30	29	29	28	26	23	24	26	26	30	41	50	51	50	52	55	51	46	47	27	19	36
2	16	16	15	15	15	15	16	17	19	22	21	24	23	24	25	28	29	31	34	34	13	10	3	6	20
3	12	11	6	4	7	2	11	15	14	28	33	35	37	37	37	36	35	30	29	27	24	20	12	13	21
4	18	17	18	13	15	18	10	11	20	24	25	27	30	35	34	33	32	31	31	31	34	36	36	36	26
5	34	32	32	27	26	19	18	23	26	28	28	29	30	31	34	34	35	34	32	28	18	5	2	2	25
6	0	1	0	0	0	1	8	41	33	29	33	36	43	41	39	39	40	39	36	28	15	3	10	1	22
7	0	5	7	10	12	8	8	22	27	33	37	40	46	48	54	57	58	64	60	49	34	19	23	21	31
8	29	31	17	13	27	19	20	27	35	53	63	82	86	85	89	89	86	77	79	80	77	85	90	85	59
9	87	80	72	72	60	52	45	38	34	26	27	31	35	45	46	45	46	43	44	42	43	34	24	22	46
10	28	35	21	24	28	36	33	32	32	37	43	45	44	50	53	55	53	54	53	43	31	14	15	25	37
11	36	47	38	28	28	17	15	26	39	61	70	88	102	123	148	86	****	52	42	37	43	31	21	15	52
12	17	23	20	23	16	9	6	12	36	64	68	63	63	62	61	63	69	66	61	44	36	37	34	21	41
13	14	14	15	16	39	42	23	32	41	49	62	59	56	64	76	71	58	58	56	52	39	24	25	12	42
14	8	14	17	6	4	3	5	46	62	98	113	98	84	100	110	121	108	97	77	67	46	39	37	39	58
15	52	41	27	25	19	20	27	36	45	66	81	78	78	74	68	54	62	58	50	42	27	17	12	25	45
16	19	14	13	8	21	33	32	31	35	37	37	37	30	29	30	32	27	24	22	20	22	23	24	22	26
17	19	18	23	22	20	18	15	17	20	25	25	28	29	28	27	24	25	26	26	26	22	19	16	19	22
18	15	16	17	16	15	14	17	20	24	28	30	31	32	32	33	34	35	35	****	****	****	****	****	****	25
19	****	****	****	****	****	****	****	****	****	****	64	73	75	73	74	75	79	82	79	52	51	65	54	44	******
20	41	37	46	39	24	12	13	26	54	68	85	77	71	77	78	61	65	80	76	53	38	50	53	53	53
21	51	53	46	34	36	27	35	43	56	64	71	77	89	101	106	125	129	120	104	88	64	55	72	62	71
22	62	57	50	43	36	28	33	32	41	61	73	91	87	96	101	104	113	110	99	88	63	49	56	54	68
23	59	66	72	66	54	57	57	63	56	56	62	70	71	80	83	82	88	91	74	67	58	49	52	44	66
24	47	49	49	38	32	25	20	17	22	24	33	45	44	52	63	64	57	51	46	40	34	30	27	26	39
25	21	21	16	12	13	13	15	21	21	20	21	25	30	33	18	19	21	22	23	22	18	22	23	22	21
26	12	20	28	25	17	8	8	8	10	11	13	14	17	17	20	20	21	20	23	21	11	2	0	1	14
27	0	0	0	0	0	3	7	16	19	19	26	35	45	57	63	65	60	58	58	49	40	44	43	40	31
28	35	36	34	29	25	23	20	26	26	30	37	43	42	38	38	39	41	41	34	26	16	10	5	7	29
29	2	2	4	0	1	2	3	9	21	28	31	32	32	32	31	32	33	33	31	23	7	4	12	21	18
30	14	11	13	14	22	19	15	17	25	32	38	44	52	57	56	51	56	73	75	61	57	60	45	43	40
31	42	36	37	25	20	18	18	16	17	19	21	17	21	30	28	26	38	41	36	****	****	****	****	****	27
MEAN	28	28	26	23	22	20	19	26	31	39	45	48	50	55	57	55	55	55	52	45	35	31	29	28	37.7

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 3.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	37	34	34	****	****	****	****	****	****	******
2												- DATA INVALID -													
3	****	****	****	****	****	****	****	****	****	****	****	50	71	84	76	84	87	78	61	41	30	37	32	28	******
4	22	18	5	2	3	3	8	30	44	69	92	82	89	84	75	76	72	74	99	94	60	44	23	16	49
5	12	16	16	8	4	1	1	10	27	43	51	61	61	54	53	52	60	56	58	48	31	28	35	50	35
6	42	31	28	28	25	18	17	14	16	20	23	28	28	24	24	25	27	28	27	24	16	6	1	2	22
7	6	10	6	7	8	16	20	19	22	30	40	53	68	88	91	81	72	73	75	74	54	43	39	22	42
8	13	10	9	12	17	16	13	6	14	15	19	41	39	32	38	30	20	27	44	41	29	29	23	25	23
9	19	7	4	7	5	6	13	21	26	28	30	30	29	23	30	33	39	39	36	34	36	31	28	27	24
10	32	27	28	21	25	39	39	32	32	39	39	42	38	40	43	46	40	39	38	37	36	28	23	24	34
11	26	23	21	19	17	16	16	16	16	18	21	21	24	25	26	26	27	28	30	30	29	21	10	7	21
12	9	8	8	6	5	6	8	13	18	21	27	30	31	30	31	30	32	35	40	28	19	15	17	15	20
13	13	12	13	14	12	11	17	15	11	4	23	42	51	55	58	48	39	41	39	40	37	21	23	28	28
14	27	21	19	10	6	7	9	11	10	8	14	18	18	21	22	24	25	27	28	27	26	24	22	23	19
15	22	21	21	21	21	19	17	17	18	18	18	20	25	26	26	24	21	20	20	18	18	15	13	6	19
16	4	2	0	0	0	0	1	3	8	13	18	23	30	29	30	43	49	47	42	33	28	31	28	19	20
17	27	29	27	22	18	9	6	7	16	18	28	21	36	39	44	43	40	32	33	28	25	26	29	35	27
18	39	38	34	34	35	32	27	25	23	17	19	21	27	29	33	36	37	38	36	21	12	1	15	26	27
19	29	28	28	18	13	8	20	24	29	30	30	31	33	33	32	32	32	31	28	17	13	10	9	13	24
20	12	6	2	0	1	0	0	1	2	9	25	32	37	39	39	38	37	30	34	24	18	13	8	10	17
21	11	9	11	9	4	3	4	7	10	24	33	31	30	33	34	35	27	25	24	15	6	6	0	0	16
22	0	2	7	15	12	8	3	7	****	29	38	43	53	54	59	60	61	62	58	52	49	48	49	45	35
23	40	35	34	28	23	23	26	28	25	30	40	47	48	51	54	49	48	43	44	42	42	36	36	35	38
24	29	27	25	19	16	17	17	19	19	20	24	32	45	54	59	61	64	55	48	39	36	30	23	15	33
25	17	18	14	9	1	2	4	9	16	22	31	38	43	47	52	53	47	41	44	24	28	17	11	22	25
26	17	****	****	****	13	13	11	13	17	22	24	30	36	38	41	41	43	44	43	35	29	26	16	19	27
27	16	7	3	6	8	7	8	14	28	38	41	42	44	46	46	42	42	43	40	34	28	31	28	32	28
28	32	31	28	27	18	17	10	11	17	20	28	39	32	41	47	54	52	50	46	42	43	41	36	28	33
29	26	24	26	26	21	23	21	17	21	21	23	26	29	31	35	42	41	38	24	20	20	10	4	1	24
30	3	1	2	4	2	2	3	8	20	34	50	69	60	49	47	49	38	39	37	27	20	15	12	10	25
31	5	11	11	14	10	6	2	8	17	22	28	32	34	37	40	44	44	42	39	34	27	22	25	20	24
MEAN	20	17	16	14	12	12	12	14	19	24	31	37	41	43	44	45	43	42	42	35	29	24	21	21	27.8

PERCENTAGE OF DATA VALID - 91.9 PERCENTAGE OF DATA INVALID - 8.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	19	18	16	16	19	17	18	32	55	76	59	68	71	74	87	84	77	74	72	62	50	39	31	48
2	31	26	28	26	24	20	20	19	19	20	20	20	29	38	40	44	48	45	39	28	24	19	19	21	28
3	20	15	12	14	14	3	1	6	15	23	28	28	24	****	****	****	****	****	****	****	****	****	****	****	******
4												- DATA INVALID -													
5	****	****	****	****	****	****	****	****	****	****	51	64	68	72	81	85	83	64	52	37	30	6	1	0	******
6	7	11	15	3	2	4	7	6	36	64	75	78	89	82	85	87	76	68	46	35	25	10	10	12	39
7	27	25	24	21	15	13	10	4	8	10	13	17	20	18	18	17	16	16	17	20	20	21	26	27	18
8	28	28	26	24	21	15	13	12	17	20	21	22	27	29	30	30	30	29	16	8	5	3	2	9	19
9	9	14	10	10	7	8	4	7	13	24	27	30	34	23	39	54	43	47	40	35	33	28	35	33	25
10	31	36	35	29	29	30	32	30	34	37	39	36	32	60	56	46	40	40	38	36	32	27	22	19	35
11	17	16	15	10	3	3	7	14	17	21	28	35	37	36	36	42	46	47	33	22	24	16	9	8	23
12	20	22	21	21	17	16	11	12	13	22	35	55	70	84	95	95	93	86	81	76	73	69	64	60	50
13	53	48	36	35	31	24	31	37	40	49	51	57	64	66	71	75	73	68	50	26	33	59	48	36	48
14	34	34	34	35	30	27	31	28	27	24	23	22	21	23	25	24	23	19	17	10	2	8	13	15	23
15	17	13	7	4	0	0	0	0	7	17	16	22	30	33	35	39	44	43	38	28	19	11	12	12	19
16	9	9	7	3	3	3	6	8	14	22	23	31	40	46	50	67	76	75	64	58	50	44	38	34	33
17	34	34	34	29	27	24	21	18	26	41	34	35	50	79	96	98	78	70	61	59	57	49	43	44	48
18	46	39	29	21	18	16	21	27	25	35	47	50	41	-	-	-	-	-	-	-	-	-	-	-	******
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	25	24	22	19	16	14	15	15	21	30	36	39	44	51	55	59	57	53	44	37	33	28	25	24	32.5

PERCENTAGE OF DATA VALID - 52.2 PERCENTAGE OF DATA INVALID - 6.3 PERCENTAGE OF DATA UNAVAILABLE - 41.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17	-	-	-	-	-	-	-	-	-	-	-	-	2	2	0	0	0	2	7	12	13	13	15	16	******
18	12	5	1	4	4	5	3	5	8	13	14	16	23	26	34	34	34	33	29	21	19	12	13	13	16
19	10	10	10	6	4	3	7	11	16	23	34	37	43	45	45	45	42	41	40	37	37	35	30	29	27
20	27	26	19	18	18	15	15	15	17	23	26	27	29	31	33	31	32	33	33	31	32	32	31	30	26
21	29	29	29	26	26	22	20	20	20	20	20	20	24	29	38	39	37	35	25	24	26	25	25	26	26
22	21	19	15	16	17	15	12	11	12	14	16	22	29	31	36	40	44	39	35	34	28	26	21	21	24
23	22	23	25	25	12	6	0	1	0	0	0	0	0	0	0	1	2	2	0	1	8	9	9	10	7
24	11	11	11	11	12	12	12	12	12	11	11	11	13	12	12	14	14	13	13	12	13	13	15	20	13
25	18	20	23	24	24	24	22	18	20	22	22	22	21	21	21	21	21	20	21	22	21	21	23	24	22
26	26	25	25	25	24	24	23	22	22	22	22	22	21	20	19	18	18	18	16	16	15	15	13	10	20
27	9	9	6	2	2	3	4	5	7	7	7	8	9	13	17	14	14	11	10	7	6	5	4	4	8
28	4	2	2	3	10	10	10	10	10	10	10	10	11	9	10	10	10	9	9	7	5	5	8	10	8
29	12	13	14	12	9	2	0	0	0	2	6	9	12	13	15	16	13	4	3	2	1	1	0	0	7
30	0	0	0	3	5	7	7	7	8	9	10	12	17	18	20	16	15	13	10	8	6	7	5	3	9
31	3	4	5	5	5	6	5	5	4	4	14	20	25	27	30	34	24	26	28	28	27	18	17	15	16
MEAN	15	14	13	13	12	11	10	10	11	13	15	17	19	20	22	22	21	20	19	17	17	16	15	15	15.8

PERCENTAGE OF DATA VALID - 46.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 53.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	13	18	21	25	26	28	28	21	20	21	21	20	21	21	16	16	8	1	0	3	5	6	7	16
2	7	5	4	1	1	0	3	9	11	11	9	7	12	12	****	16	16	16	4	3	0	0	0	0	6
3	0	2	2	2	1	2	2	1	2	4	6	8	12	10	8	13	14	13	4	6	10	9	10	6	6
4	5	1	1	2	2	1	1	2	5	8	13	19	21	23	23	19	18	15	13	8	7	6	5	4	9
5	5	5	6	7	9	9	7	3	3	6	12	14	22	23	24	24	18	15	12	13	13	12	10	9	12
6	10	7	5	3	3	1	0	1	4	6	8	12	17	18	19	19	13	4	7	22	21	18	17	16	10
7	18	19	19	22	22	22	22	21	19	16	16	15	14	16	17	18	15	12	5	2	3	3	4	1	14
8	6	8	9	****	8	4	0	0	0	0	2	3	3	7	10	11	9	7	5	6	2	2	2	2	5
9	2	1	1	1	0	1	2	3	3	6	4	3	3	0	0	0	0	0	0	0	0	0	0	0	1
10	0	0	0	5	8	13	21	18	17	17	13	****	****	****	****	****	****	****	****	****	****	****	****	****	******
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16	-	-	-	-	-	-	-	-	-	-	-	- ****	17	12	12	7	5	4	1	1	0	0	0	******	
17	0	2	2	2	2	3	3	6	4	4	****	****	****	****	****	****	****	****	****	****	****	****	****	******	
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27	****	****	****	****	****	****	****	****	****	****	****	11	10	7	4	2	****	0	0	0	4	17	18	22	******
28	27	27	25	23	21	23	16	11	9	14	****	21	18	15	16	17	15	13	14	8	7	8	5	5	16
29	8	6	4	2	3	3	4	2	2	5	5	7	7	11	14	14	12	11	7	3	0	3	5	10	6
30	14	11	14	12	18	10	10	9	9	11	12	16	17	15	12	15	11	7	5	5	3	1	0	1	10
MEAN	8	8	8	8	9	8	9	8	8	9	10	12	14	14	14	14	13	9	6	6	5	6	6	6	8.9

PERCENTAGE OF DATA VALID - 45.7 PERCENTAGE OF DATA INVALID - 51.3 PERCENTAGE OF DATA UNAVAILABLE - 3.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	3	3	1	2	3	3	4	9	12	12	15	14	14	12	11	5	3	2	1	3	11	16	7
2	15	19	17	21	21	24	28	26	27	24	25	25	25	25	25	25	20	11	10	11	8	12	8	2	19
3	3	0	1	4	4	8	12	8	5	16	18	20	22	23	19	17	10	6	7	0	2	10	7	7	10
4	8	5	2	0	0	0	0	0	4	7	11	16	18	19	19	16	13	16	10	7	6	1	1	0	7
5	0	0	5	7	13	7	6	7	11	17	21	27	27	23	24	22	20	17	17	18	19	18	16	13	15
6	16	10	6	6	6	5	6	11	6	7	9	5	7	9	7	3	1	0	0	0	3	1	3	0	5
7	0	0	4	4	3	5	8	10	7	7	8	8	11	11	10	10	15	9	6	2	0	5	12	15	7
8	20	23	23	23	20	20	19	18	16	17	18	18	19	19	19	19	15	13	9	10	6	11	11	10	17
9	8	7	6	4	4	0	0	2	6	5	10	9	10	10	8	5	3	1	0	6	2	2	0	0	5
10	0	0	0	0	0	0	0	0	0	3	5	9	11	9	9	7	4	2	2	3	3	4	6	6	3
11	5	5	5	5	5	5	5	5	7	7	8	9	12	16	16	15	15	15	15	15	13	11	10	10	10
12	11	10	6	2	4	10	10	10	10	10	11	10	13	13	13	13	13	13	13	13	13	13	13	13	11
13	16	16	16	14	14	12	10	11	11	11	11	11	12	9	15	13	13	10	8	3	4	3	1	2	10
14	2	3	3	11	12	12	10	6	****	4	7	10	11	11	10	11	7	2	5	4	3	2	1	1	6
15	5	5	3	2	1	1	2	3	8	11	11	12	14	14	13	13	7	0	3	1	2	2	2	1	6
16	0	0	0	0	0	0	0	0	0	0	0	9	17	18	18	18	18	18	18	18	20	20	20	20	10
17	22	22	22	22	21	18	8	4	9	12	14	15	20	19	21	23	18	8	9	1	10	13	13	9	15
18	0	0	0	0	0	0	0	0	3	6	8	10	11	6	9	7	2	1	2	2	1	1	1	1	3
19	3	3	2	0	0	0	0	0	****	7	9	9	9	7	6	3	0	0	0	0	0	0	0	0	3
20	1	2	1	1	2	1	2	0	4	5	8	9	8	7	6	6	1	0	0	0	0	0	0	0	3
21	0	0	0	0	0	0	0	0	4	4	8	11	14	14	13	9	4	1	1	1	0	0	2	6	4
22	13	15	15	15	15	15	15	15	16	16	16	16	13	12	12	11	12	13	12	12	12	12	11	11	14
23	12	12	12	12	12	12	11	10	9	10	11	11	9	5	2	0	0	0	0	2	1	1	1	1	7
24	1	3	3	4	2	2	4	9	13	11	9	7	5	5	7	7	6	5	7	7	4	4	2	1	5
25	0	0	0	0	2	2	2	4	9	13	14	14	15	15	15	16	18	19	18	18	18	18	17	17	11
26	17	17	17	17	17	17	16	16	16	16	15	13	12	8	7	10	9	9	11	15	14	14	12	14	14
27	13	14	14	17	19	19	19	19	19	****	****	****	43	43	43	43	40	42	36	26	16	25	12	8	25
28	14	21	43	42	42	43	44	40	38	39	31	26	40	40	36	35	29	11	7	6	12	29	31	25	30
29	24	21	20	21	8	0	0	0	5	12	12	13	26	28	32	35	28	14	2	5	2	0	0	0	13
30	0	0	3	16	4	2	6	8	11	26	34	38	44	44	46	47	45	32	35	37	38	42	38	28	26
31	32	30	5	5	4	9	9	12	12	19	21	26	45	38	24	25	25	26	24	23	12	2	0	0	18
MEAN	8	8	8	9	8	8	8	8	10	12	13	14	18	17	17	16	14	10	9	9	8	9	8	8	10.8

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0 0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	19.1	31	40
FEB	28	28.3	52	71
MAR	31	27.2	38	60
APR	30	30.5	39	60
MAY	28	32.9	51	85
JUN	30	42.2	74	121
JUL	30	37.7	71	148
AUG	28	27.8	49	99
SEP	14	32.5	50	98
OCT	14	15.8	27	45
NOV	12	8.9	16	28
DEC	31	10.8	30	47
YEAR	307	27.2	74	148

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14118 PUC WATER PUMP STN HWY 21, PETROLIA

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	187	458	96	0	0	0	0	0	741
FEB	70	253	319	27	0	0	0	0	669
MAR	51	413	264	10	0	0	0	0	738
APR	13	324	360	13	0	0	0	0	710
MAY	42	277	290	85	2	0	0	0	696
JUN	46	212	235	167	41	16	1	0	718
JUL	62	271	200	141	31	12	5	0	722
AUG	116	313	193	50	12	0	0	0	684
SEP	54	158	95	52	17	0	0	0	376
OCT	126	184	38	0	0	0	0	0	348
NOV	202	127	0	0	0	0	0	0	329
DEC	407	293	39	0	0	0	0	0	739
YEAR	1376	3283	2129	545	103	28	6	0	7470

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
85.3	0	4.7	16.5	25.6	32.9	47.8	62.6	78.1	88.4	148	27.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14901 RIVERSIDE BLVD,MOBILE STATION, CORUNNA MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6	-	-	-	-	-	-	-	-	-	-	-	-	****	27	30	31	37	30	26	16	16	10	6	2	******
7	0	0	4	6	3	1	0	1	3	7	17	19	21	21	21	21	14	13	37	37	33	31	29	29	15
8	29	32	32	28	25	24	22	21	22	25	30	30	31	35	36	37	36	35	30	29	26	30	31	32	30
9	32	32	32	32	31	31	29	25	25	29	32	34	34	36	38	39	38	35	32	28	21	8	3	10	29
10	12	12	11	10	11	11	18	27	31	34	34	36	36	37	38	39	38	35	28	23	19	29	27	28	26
11	20	23	33	33	30	28	31	29	25	31	35	37	38	39	37	37	38	37	34	32	30	30	30	30	32
12	21	30	21	22	28	30	29	24	21	29	30	31	39	38	36	35	27	16	22	27	26	35	34	31	28
13	28	28	31	28	32	32	32	27	31	22	29	34	35	35	39	36	35	27	17	7	0	1	1	24	25
14	27	29	31	37	34	17	21	28	29	30	32	33	34	33	32	31	30	29	25	27	29	25	13	17	28
15	16	15	12	17	19	17	18	18	16	22	32	32	32	35	37	36	31	28	30	31	30	30	30	24	25
16	23	17	17	22	26	30	29	23	21	28	31	34	33	31	29	31	30	24	24	33	29	14	10	20	25
17	30	30	31	32	34	34	32	26	31	35	36	38	39	40	41	40	40	36	32	27	27	33	32	28	34
18	26	23	22	20	12	10	4	7	11	17	29	34	34	34	36	37	38	31	36	31	28	27	27	27	25
19	27	27	23	21	15	10	11	3	6	18	30	37	40	42	47	48	45	38	26	20	18	14	15	8	25
20	6	10	8	8	10	12	7	4	13	18	25	34	36	36	42	44	52	53	53	48	42	36	35	33	28
21	34	31	27	15	20	21	19	17	20	23	32	27	24	23	23	26	34	44	52	59	66	64	59	56	34
22	58	57	56	54	52	50	43	22	31	42	44	****	****	66	66	61	65	62	62	65	65	56	59	60	54
23	65	52	46	37	36	33	21	17	16	14	13	13	16	15	12	8	4	1	0	0	0	3	19	26	19
24	25	23	26	32	36	40	42	40	33	32	34	31	31	30	25	23	21	25	29	27	26	22	24	26	29
25	20	21	25	27	23	21	25	23	22	20	26	30	29	34	29	27	26	25	31	28	21	26	27	21	25
26	23	22	21	19	21	25	26	21	16	19	23	20	20	23	26	26	22	18	18	22	28	23	26	21	22
27	22	25	29	29	39	37	35	31	35	34	27	42	43	47	49	51	47	45	31	19	5	6	13	12	31
28	5	9	6	6	1	1	1	1	4	13	****	32	41	41	41	36	36	34	33	39	23	38	38	36	22
MEAN	25	25	25	24	24	23	23	20	21	25	30	31	33	35	35	35	34	31	31	29	26	26	26	26	27.6

PERCENTAGE OF DATA VALID - 79.8 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 19.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14901 RIVERSIDE BLVD,MOBILE STATION, CORUNNA MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	40	39	37	36	36	36	33	27	23	19	16	14	18	16	14	13	4	7	11	16	20	32	36	37	24
2	37	37	36	35	33	32	27	20	24	29	37	32	37	37	39	41	35	41	34	32	34	34	33	35	34
3	32	31	31	28	24	17	15	13	14	18	22	29	34	34	41	48	52	48	46	36	42	43	36	35	32
4	37	37	37	41	45	44	41	36	36	40	42	43	40	35	25	34	49	44	43	34	29	26	21	18	37
5	22	25	30	29	29	28	30	36	31	25	20	20	22	22	22	19	19	22	20	19	19	17	20	20	24
6	21	21	18	19	19	20	20	18	16	18	19	19	28	****	****	28	30	32	31	27	23	20	21	23	22
7	24	21	23	22	15	10	8	8	15	21	25	30	34	34	36	40	44	43	37	27	21	18	13	14	24
8	18	13	11	8	7	7	10	12	19	31	38	41	44	44	44	40	38	37	29	20	9	10	16	18	24
9	20	23	22	14	9	5	3	3	13	17	22	26	25	25	25	27	21	20	17	9	11	11	2	0	15
10	0	2	7	13	15	17	22	26	30	30	32	34	29	31	33	32	31	31	28	27	27	28	28	27	24
11	25	28	29	30	29	25	25	25	25	29	29	27	28	28	28	28	28	30	28	27	28	26	27	27	27
12	28	27	28	31	34	32	3G	27	31	36	38	38	39	39	40	44	43	41	36	36	31	27	28	26	34
13	26	26	27	21	16	17	15	8	10	21	27	27	30	30	32	29	31	31	27	28	25	31	30	27	25
14	28	46	45	39	34	****	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
15												- OATA UNAVAILABLE -													
16	-	-	-	-	-	-	-	-	-	-	-	-	-	****	****	****	36	33	28	17	16	10	0	0	******
17	0	0	0	0	0	0	4	8	18	20	26	30	19	21	20	38	40	38	41	36	34	28	25	20	19
18	17	16	20	28	28	26	19	14	21	27	30	34	41	50	52	55	58	57	54	53	54	44	43	44	37
19	56	57	59	55	44	37	31	27	29	32	32	37	38	37	36	35	30	28	22	8	29	35	25	24	35
20	27	27	28	27	22	17	18	23	29	32	36	38	39	41	43	42	43	41	35	23	22	23	12	13	29
21	12	6	8	9	8	12	9	6	6	12	37	57	31	25	39	48	54	44	19	7	20	16	11	6	21
22	2	0	6	14	22	5	4	8	15	46	52	45	47	52	52	57	62	59	54	22	0	5	25	37	29
23	39	34	27	24	23	19	19	21	28	31	34	39	46	48	****	61	42	40	51	46	42	42	42	37	36
24	36	34	32	29	26	23	25	26	26	27	28	29	30	26	19	15	18	16	15	15	16	14	10	9	23
25	6	12	19	20	19	14	13	19	19	19	18	16	15	14	19	18	16	25	29	29	28	28	29	29	20
26	28	28	29	31	31	30	30	29	30	34	36	40	41	42	43	43	40	40	36	36	36	36	38	38	35
27	42	41	39	38	36	35	34	31	36	38	40	42	47	48	****	49	48	47	43	32	34	30	30	29	39
28	29	23	22	21	18	17	19	19	22	31	37	39	37	32	29	27	23	20	19	18	16	8	19	26	24
29	24	13	10	9	13	20	21	15	13	11	11	15	19	15	13	16	9	7	5	8	8	10	29	31	14
30	29	23	21	16	20	24	23	30	29	31	34	35	35	33	34	37	34	34	36	32	32	32	25	27	29
31	33	21	18	23	22	22	23	23	25	23	26	29	29	29	21	22	22	19	30	25	29	21	2S	26	24
MEAN	25	25	25	24	23	21	20	20	23	27	30	32	33	33	32	35	34	34	31	26	25	24	24	24	27.1

PERCENTAGE OF DATA VALID - 91.5 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 7.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14901 RIVERSIDE BLVD.MOBILE STATION, CORUNNA MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	20	21	22	19	26	35	36	36	34	30	29	30	25	26	26	28	27	25	26	21	17	16	17	26
2	18	17	21	24	24	23	20	15	15	12	7	8	4	4	7	17	29	24	16	19	29	29	28	27	18
3	29	29	33	35	32	30	25	25	30	32	32	31	29	30	41	41	39	39	36	22	20	17	6	2	29
4	0	8	20	18	17	13	16	15	14	14	20	23	27	27	26	27	30	24	21	15	13	29	34	36	20
5	36	38	38	38	34	32	28	25	27	31	****	****	28	27	26	26	28	37	36	36	34	32	34	****	32
6	****	****	28	32	33	31	29	27	25	28	27	27	31	30	31	31	32	30	29	30	30	27	27	27	29
7	31	31	29	27	30	30	28	29	31	32	32	34	35	35	36	36	36	35	34	30	28	30	26	27	31
8	28	27	27	27	27	25	23	27	26	27	23	20	27	29	25	29	33	32	24	28	26	23	22	24	26
9	24	18	26	29	31	31	26	25	27	26	29	27	30	26	28	23	22	22	18	28	29	28	27	26	26
10	27	28	29	30	28	25	25	22	24	32	25	15	31	27	29	37	36	35	31	26	20	21	23	24	27
11	17	19	18	16	16	9	7	18	22	24	26	27	29	32	34	34	35	39	35	34	27	23	27	25	25
12	28	25	26	24	25	29	27	26	28	27	26	****	****	33	34	33	32	29	27	22	24	22	20	16	27
13	12	12	8	8	7	14	13	14	16	18	19	19	16	19	19	18	21	31	22	33	37	36	29	25	19
14	42	45	47	49	47	35	26	25	32	31	30	31	37	46	50	51	51	48	46	45	45	44	40	36	41
15	37	36	35	29	31	31	30	29	29	30	31	33	36	35	34	32	39	37	35	29	31	30	28	36	33
16	36	35	34	32	31	29	28	27	27	28	28	28	29	29	31	23	23	31	24	22	29	24	10	16	27
17	17	20	24	19	19	19	22	23	28	30	32	37	37	35	30	29	35	36	33	18	13	11	4	2	24
18	13	11	20	24	29	28	25	25	28	31	36	27	31	31	34	35	38	31	17	22	14	16	15	4	24
19	12	12	18	15	14	9	14	18	28	19	****	42	50	55	46	45	48	47	43	31	14	3	0	0	25
20	0	0	0	0	0	0	7	40	39	36	33	22	14	14	20	42	54	54	48	40	37	32	29	35	25
21	31	32	29	30	30	29	24	25	14	19	21	33	39	32	34	28	15	15	13	17	15	7	0	4	22
22	7	10	8	5	15	17	16	14	18	13	13	25	24	30	37	44	44	34	24	28	24	21	18	21	21
23	18	16	14	18	18	15	12	4	8	17	21	45	62	73	77	68	58	47	70	58	40	4	0	0	32
24	0	0	9	12	6	10	12	28	31	28	19	20	31	47	****	53	46	49	43	37	35	28	34	38	27
25	39	36	37	31	32	31	29	24	27	38	32	36	36	44	50	43	35	34	30	13	8	19	21	22	31
26	25	36	41	38	27	36	32	25	17	29	40	42	44	44	44	42	34	13	21	23	21	12	4	1	29
27	2	4	16	21	21	21	20	21	20	21	16	18	12	13	13	16	21	27	29	27	23	19	14	22	18
28	20	22	22	22	24	25	27	27	27	25	25	24	18	12	15	18	14	16	14	10	12	10	13	11	19
29	11	13	18	20	20	20	19	18	25	33	35	36	38	35	35	37	28	31	36	26	28	28	31	31	27
30	35	47	61	45	39	25	26	29	30	34	36	27	28	29	29	28	27	30	32	31	28	30	31	30	33
MEAN	21	22	25	25	24	23	22	24	25	27	27	28	30	32	32	34	34	33	30	28	25	22	20	20	26.4

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14901 RIVERSIDE BLVD.MOBILE STATION, CORUNNA MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	25	23	23	23	21	18	25	28	35	38	38	39	38	28	34	38	38	31	24	14	27	32	24	29
2	24	22	22	24	26	30	31	36	39	40	45	48	47	48	51	53	57	54	53	51	54	49	46	42	41
3	34	29	24	26	26	24	24	24	23	26	****	33	31	35	41	43	42	42	27	34	27	13	25	36	30
4	30	24	25	23	24	21	21	23	25	31	31	32	30	29	22	19	20	21	21	18	21	28	30	28	25
5	28	28	23	29	23	12	15	23	30	31	32	41	23	34	38	45	38	25	29	39	36	30	34	37	30
6	36	37	37	34	31	26	22	19	20	27	33	36	38	43	47	45	53	72	69	61	57	57	53	58	42
7	58	58	52	43	37	31	28	31	37	44	48	54	62	47	52	44	64	73	65	59	69	65	64	60	52
8	65	58	44	30	18	24	25	24	29	36	****	51	-	-	-	-	82	79	58	63	54	48	49	37	46
9	37	32	23	16	12	11	10	13	26	40	53	71	93	83	77	79	76	63	58	52	43	39	38	37	45
10	36	29	27	28	24	23	11	6	13	20	12	14	22	42	39	38	24	35	39	30	26	24	25	20	25
11	19	16	17	16	15	9	8	7	7	13	23	23	8	17	32	****	****	****	****	****	****	****	****	****	******
12												-	OATA	INVALID	-										
13												-	OATA	INVALID	-										
14												-	OATA	INVALID	-										
15												-	OATA	INVALID	-										
16	****	****	****	****	****	****	****	****	****	****	28	27	27	31	36	37	34	32	30	23	13	7	11	10	******
17	13	15	15	18	21	13	17	27	28	23	42	27	21	34	49	54	62	59	49	46	42	38	37	37	33
18	36	39	39	38	33	28	22	17	23	38	43	54	58	48	82	76	86	75	78	65	61	49	48	32	49
19	37	42	47	49	49	46	40	35	27	45	46	44	47	61	78	81	86	79	72	57	50	51	49	41	52
20	30	38	34	34	29	18	40	37	35	32	41	80	97	88	34	35	68	91	52	26	5	0	7	31	41
21	31	26	39	39	37	34	24	24	30	31	31	30	29	17	19	19	26	24	21	19	13	13	11	8	25
22	17	18	16	10	6	7	26	25	30	35	38	40	44	46	****	****	****	51	54	36	32	19	21	15	28
23	11	18	19	25	23	22	19	22	23	****	****	47	58	64	54	40	23	16	8	5	7	13	30	23	26
24	7	6	16	17	10	4	3	10	18	25	18	16	4	16	16	14	17	6	25	24	12	6	26	31	14
25	14	18	41	27	21	27	24	8	8	6	11	18	22	17	16	22	24	15	21	18	13	21	23	20	19
26	23	21	12	25	28	27	19	22	27	31	31	31	24	26	23	26	27	28	27	19	19	16	14	9	23
27	8	9	13	15	13	12	10	12	13	14	22	30	32	26	28	21	23	20	14	19	9	11	11	14	17
28	18	8	6	6	6	6	10	19	18	22	22	26	26	21	15	21	22	16	6	11	5	0	0	0	13
29	0	1	0	6	0	2	3	6	19	26	****	30	29	17	25	32	35	32	38	31	10	5	7	2	15
30	7	23	7	12	8	0	4	13	20	28	29	26	20	36	27	74	34	32	40	35	16	3	0	3	21
31	4	7	19	31	31	28	29	32	42	49	56	64	61	75	76	75	76	76	72	58	14	15	14	4	42
MEAN	25	25	25	25	22	19	19	21	25	30	34	38	38	40	40	43	45	44	41	36	28	25	27	25	30.7

PERCENTAGE OF DATA VALID - 82.9 PERCENTAGE OF DATA INVALID - 16.5 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14901 RIVERSIDE BLVD.MOBILE STATION, CORUNNA MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	21	31	34	20	12	20	21	38	35	38	61	68	62	60	62	71	76	70	40	6	4	1	7	36
2	5	10	8	6	3	5	4	12	17	23	32	38	44	46	61	91	97	77	68	54	41	37	14	18	34
3	8	9	6	0	0	2	9	20	41	46	57	65	84	77	94	84	75	73	66	60	50	41	37	27	43
4	23	12	10	3	3	3	4	9	17	42	57	75	92	118	108	83	68	65	70	54	60	69	63	55	48
5	40	31	16	15	17	25	14	22	29	30	27	21	23	28	15	25	25	23	14	7	13	18	4	4	20
6	9	7	12	19	13	12	8	13	16	20	27	41	47	65	65	74	61	53	49	70	61	60	55	48	38
7	44	42	24	34	30	29	24	21	23	29	38	47	57	****	****	43	52	46	49	55	38	34	29	30	37
8	23	23	19	9	6	10	9	16	29	34	28	50	78	99	116	110	106	94	69	63	54	42	34	40	48
9	29	31	32	36	30	27	23	26	24	34	37	47	39	47	42	50	51	62	70	62	54	52	39	27	40
10	24	23	19	15	9	14	22	22	31	40	65	68	72	65	63	41	21	8	13	13	13	15	21	19	30
11	14	20	28	25	22	19	18	19	14	17	19	18	13	18	21	16	10	17	12	8	****	****	****	****	17
12												- DATA INVALID -													
13												- DATA INVALID -													
14	****	****	****	****	****	****	****	****	****	38	17	38	67	57	75	90	105	104	93	87	70	61	51	47	******
15	44	46	31	25	26	23	20	24	37	59	80	89	104	106	99	95	89	79	69	58	59	47	25	13	56
16	32	36	42	44	44	38	44	46	52	57	65	69	68	79	83	89	59	62	64	72	61	55	49	50	57
17	49	37	34	30	27	25	23	29	36	44	58	65	62	67	62	49	44	39	22	10	5	16	11	16	36
18	19	21	16	22	24	25	27	29	29	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	24	25	22	21	18	18	18	22	29	36	43	53	61	67	69	67	62	59	53	48	42	39	31	29	39.7

PERCENTAGE OF DATA VALID - 49.3 PERCENTAGE OF DATA INVALID - 8.8 PERCENTAGE OF DATA UNAVAILABLE - 41.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14901 RIVERSIDE BLVD.MOBILE STATION, CORUNNA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB	22	27.6	54	66
MAR	28	27.1	39	62
APR	30	26.4	41	77
MAY	25	30.7	52	97
JUN	14	39.7	57	118
YEAR	119	29.3	57	118

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 14901 RIVERSIDE BLVD.MOBILE STATION. CORUNNA

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN		DATA UNAVAILABLE							
FEB	54	262	192	28	0	0	0	0	536
MAR	64	362	232	23	0	0	0	0	681
APR	53	424	220	14	0	0	0	0	711
MAY	70	286	172	79	10	0	0	0	617
JUN	41	122	80	85	18	9	0	0	355
YEAR	282	1456	896	229	28	9	0	0	2900

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 50	70	90	95	98	99	MAX	ARITH MEAN
80.6	0	10.3	20.7	27.4	33.6	48.3	60.6	74.8	85.0	118	29.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY.LONDON MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	12	0	0	2	8	10	10	10	10	10	10	4	4	6	5	6	8	9	10	11	11	14	14	8
2	14	17	23	24	23	23	20	15	14	16	16	17	17	16	15	13	12	12	16	17	18	16	14	11	17
3	9	8	10	9	9	8	6	6	5	7	9	11	14	14	****	****	6	9	9	10	10	11	10	9	9
4	12	13	13	13	14	14	12	9	9	9	13	13	14	13	13	7	6	4	6	11	13	14	15	17	12
5	18	18	19	19	19	16	12	2	4	10	16	13	11	****	11	8	4	4	3	0	0	0	0	0	9
6	0	0	0	0	0	0	0	0	3	6	10	14	14	16	16	11	8	6	6	8	8	8	6	1	6
7	2	0	0	0	0	0	0	0	0	2	3	5	9	12	12	10	9	6	4	3	5	6	9	11	5
8	14	16	15	16	15	15	16	11	8	9	16	17	17	17	14	12	10	4	2	0	0	3	6	4	11
9	2	4	8	8	8	8	6	7	6	****	10	9	11	11	11	9	5	1	0	0	0	1	1	0	5
10	0	0	1	2	1	2	0	0	0	1	1	6	14	18	17	15	9	6	7	10	7	2	1	8	5
11	3	1	0	0	0	0	0	0	0	2	5	11	16	16	16	14	9	1	0	0	0	0	0	0	4
12	0	0	0	1	2	2	1	0	2	7	9	12	16	15	17	****	5	0	0	0	0	0	0	0	4
13	0	0	0	0	0	0	0	0	1	5	7	10	8	8	7	5	4	3	2	1	1	0	0	0	3
14	0	0	0	0	0	1	7	14	18	18	18	20	23	23	23	21	19	21	21	21	20	19	19	19	14
15	19	20	20	17	17	13	2	1	2	5	10	12	12	13	15	15	12	7	4	5	6	7	7	7	10
16	7	4	6	3	4	3	1	0	2	3	10	13	14	14	11	6	0	0	0	0	0	0	0	0	4
17	0	0	2	8	9	4	0	0	1	3	1	0	2	3	5	6	13	14	15	18	18	19	18	19	7
18	20	20	20	19	18	15	10	11	15	15	24	24	24	24	21	16	9	3	1	3	6	3	0	0	13
19	0	1	5	1	0	0	0	0	2	5	11	15	14	****	12	7	7	7	4	1	1	4	4	4	5
20	5	6	6	4	5	4	1	2	2	3	3	4	4	5	3	3	0	0	0	0	0	0	0	0	3
21	0	0	0	0	1	2	3	4	5	7	9	8	12	12	12	14	15	16	15	12	12	13	13	18	8
22	18	16	20	22	20	19	18	17	16	****	21	22	23	22	20	15	13	12	15	12	9	10	9	8	16
23	11	14	18	15	13	10	4	5	13	16	13	12	14	14	15	16	10	13	15	8	7	4	5	6	11
24	6	9	13	13	11	11	9	8	9	7	8	10	8	6	4	1	0	0	0	0	0	0	0	0	6
25	6	15	18	19	19	17	14	14	16	16	17	18	17	16	16	15	15	17	17	17	18	18	17	18	16
26	18	18	18	17	17	13	13	14	15	13	12	12	17	18	17	****	10	7	8	9	10	12	12	13	14
27	13	16	18	18	17	14	12	11	10	9	10	10	10	10	8	6	6	6	4	3	4	4	5	6	10
28	3	1	2	6	9	15	15	14	14	14	14	14	13	14	15	15	15	15	15	17	18	19	19	21	13
29	22	23	23	24	23	20	17	14	15	17	17	18	17	18	17	17	15	14	17	18	19	21	22	24	19
30	25	26	26	27	27	24	18	14	19	20	20	20	19	19	17	12	13	13	14	15	15	15	13	9	18
31	11	14	16	16	14	12	8	9	15	18	22	23	22	25	22	19	19	18	18	19	19	21	22	24	18
MEAN	9	9	10	10	10	9	8	7	8	9	12	13	14	14	14	11	9	8	8	8	8	8	8	9	9.8

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	24	25	26	26	24	20	19	20	22	22	23	21	21	19	17	18	19	16	20	21	19	14	16	21
2	19	21	19	17	16	8	5	8	16	17	19	21	24	****	16	13	10	3	5	3	1	0	0	0	11
3	0	0	0	0	0	0	0	0	3	4	6	11	19	18	17	14	9	2	0	0	1	0	1	1	4
4	1	1	0	0	5	11	17	24	26	27	28	30	32	32	30	28	24	23	20	19	19	16	17	18	19
5	18	19	19	19	18	16	11	9	****	****	15	18	19	19	21	14	16	13	9	3	8	4	2	1	13
6	1	1	1	0	0	0	0	0	1	2	5	8	14	16	14	12	11	5	1	5	11	6	4	1	5
7	0	0	0	0	0	0	0	0	2	10	11	14	14	16	15	9	4	0	0	0	16	25	23	16	7
8	20	21	21	16	14	15	11	8	9	16	18	18	20	21	22	19	15	15	15	12	8	12	10	10	15
9	12	13	15	19	17	15	10	9	10	17	19	22	21	21	****	20	12	9	5	3	1	1	4	5	12
10	6	6	6	9	7	5	3	8	18	25	25	26	22	22	26	29	27	27	18	15	9	6	7	13	15
11	10	5	9	14	10	13	8	11	15	19	22	24	22	23	25	22	20	17	11	6	1	0	0	0	13
12	4	6	12	14	14	7	6	8	15	18	19	19	20	21	23	25	24	18	7	5	9	13	13	12	14
13	14	13	12	10	16	17	12	6	6	15	18	21	24	25	21	23	22	15	7	3	2	1	1	0	13
14	0	3	3	4	12	10	14	13	11	15	16	17	16	17	19	12	13	15	13	13	11	12	15	16	12
15	13	14	16	9	5	9	10	12	13	16	18	21	21	21	21	21	17	18	19	19	20	20	20	20	16
16	19	13	14	17	19	20	15	12	18	22	23	26	26	26	25	****	22	19	16	16	14	15	17	18	19
17	19	20	22	20	18	20	21	19	21	24	24	22	24	25	26	27	25	22	16	7	6	6	6	7	19
18	1	1	5	6	9	3	5	10	13	16	19	20	22	22	21	21	21	22	20	20	19	18	14	13	14
19	13	12	9	7	5	3	0	0	3	5	11	20	26	29	****	25	18	15	7	7	9	7	7	18	11
20	21	17	18	18	17	11	1	1	5	13	18	23	27	27	27	26	19	10	7	4	5	6	5	2	14
21	0	0	2	2	3	1	0	0	2	6	10	10	14	13	12	8	5	6	10	11	29	37	39	38	11
22	40	41	41	41	37	31	19	12	15	27	35	40	38	41	47	38	25	26	18	17	24	26	27	19	30
23	16	24	24	23	16	12	14	11	9	12	13	14	10	5	****	1	0	0	0	0	0	0	0	1	9
24	6	9	13	20	20	24	21	19	20	25	27	28	24	27	29	27	24	22	19	15	18	19	21	20	21
25	23	21	21	22	23	21	23	24	24	24	23	24	22	20	18	19	23	28	29	28	27	25	25	23	23
26	23	25	26	28	26	23	21	17	16	20	22	22	21	25	25	24	18	21	21	21	21	23	23	23	22
27	25	25	26	23	22	19	14	13	15	22	23	26	28	28	****	20	18	15	9	5	7	5	0	2	17
28	0	0	0	0	0	0	0	0	3	6	13	21	28	28	30	24	17	8	2	1	3	5	8	15	9
MEAN	12	13	14	14	13	12	10	10	12	16	19	21	22	23	23	20	17	15	11	10	11	12	12	12	14.6

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	36	32	17	4	1	1	1	3	5	9	8	4	4	3	1	0	0	0	0	0	1	1	5	7
2	21	26	29	28	28	26	20	17	16	21	19	15	15	16	17	****	5	7	3	0	0	1	5	15	15
3	18	15	12	13	12	5	0	4	5	7	17	19	26	26	28	32	25	23	22	27	32	34	27	26	19
4	24	24	24	24	24	23	27	30	32	31	30	29	27	27	26	26	27	25	25	24	19	10	6	10	24
5	10	12	15	20	21	16	8	7	7	10	12	12	10	10	8	****	****	10	6	4	4	3	5	10	10
6	10	15	18	17	14	12	8	2	2	8	10	11	11	12	14	13	11	8	4	4	3	0	0	0	9
7	0	0	1	2	0	0	0	2	7	15	20	21	24	27	29	31	32	18	9	9	12	13	1	0	11
8	4	9	13	13	9	3	1	2	7	18	23	25	28	33	36	36	26	21	11	5	4	2	1	0	14
9	0	0	0	0	0	0	0	1	5	8	15	16	16	17	18	15	9	5	7	7	8	2	4	5	7
10	5	1	1	1	3	5	4	4	6	10	12	14	16	17	19	16	11	12	15	16	17	16	16	15	11
11	15	16	16	20	21	21	21	21	20	21	21	20	19	18	16	16	15	12	11	12	12	13	14	15	17
12	19	21	22	25	27	27	25	19	20	21	26	27	27	27	28	28	24	20	8	3	4	5	6	8	19
13	12	11	3	6	9	7	5	5	6	10	11	13	18	18	20	21	22	23	24	18	18	21	21	21	14
14	30	28	28	34	31	25	21	18	22	22	23	22	26	18	18	20	24	25	27	28	27	26	28	28	25
15	28	28	29	30	29	27	20	20	23	28	28	28	28	28	27	25	23	21	10	5	0	0	0	0	20
16	1	4	5	8	4	3	2	6	8	13	19	22	23	****	22	20	16	10	2	1	2	4	3	1	9
17	1	0	0	0	0	0	0	1	3	9	15	17	22	24	26	26	26	13	2	0	0	0	0	0	8
18	0	0	0	0	2	1	1	2	2	6	14	21	29	37	35	31	28	26	16	8	4	0	1	11	11
19	30	31	22	22	24	23	21	17	16	****	19	20	32	32	31	25	20	20	20	19	18	16	16	17	22
20	22	22	8	4	2	1	1	4	9	16	28	30	35	36	37	36	32	28	9	2	0	0	0	0	15
21	0	0	0	0	0	0	0	0	6	10	20	23	33	37	38	32	34	29	14	5	2	0	0	0	12
22	0	0	1	0	0	0	0	2	6	12	19	34	34	35	39	38	26	31	20	18	18	6	8	13	15
23	17	12	7	7	7	4	4	8	17	29	30	30	35	42	46	39	29	17	20	22	24	34	36	32	23
24	30	25	24	27	26	20	21	22	21	21	16	12	10	8	6	8	11	13	13	12	13	16	15	13	17
25	11	9	11	16	19	17	14	16	15	16	16	17	18	15	15	15	12	13	14	16	17	18	19	18	15
26	20	21	21	22	23	23	22	21	20	****	****	18	23	25	24	23	22	21	22	18	18	19	19	25	21
27	28	29	29	29	29	27	18	20	23	26	26	26	26	26	26	24	24	25	22	17	12	3	1	0	22
28	0	1	4	5	6	4	5	14	25	****	31	30	32	31	27	24	19	13	19	16	13	10	11	13	15
29	12	11	9	9	10	8	4	5	6	12	13	11	10	****	11	7	3	2	1	0	6	9	11	12	8
30	13	19	17	15	23	20	18	9	9	8	11	13	19	17	15	17	13	12	6	6	8	13	19	20	14
31	27	20	20	19	19	19	18	17	18	20	19	20	19	19	20	18	18	15	15	17	17	19	20	21	19
MEAN	14	14	14	14	14	12	10	10	12	15	19	20	22	24	23	23	20	17	13	11	11	10	10	11	15.1

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	23	26	27	27	26	27	26	22	22	22	25	25	23	22	22	19	15	16	16	15	17	19	19	22
2	20	19	19	17	16	8	5	1	0	0	2	2	6	11	13	10	10	11	12	14	13	10	10	19	10
3	21	21	21	26	28	28	20	18	19	23	25	****	26	27	28	27	25	25	23	17	7	4	3	5	20
4	5	9	9	11	8	4	4	4	10	14	14	17	19	19	19	16	14	15	19	19	15	13	12	16	13
5	21	23	25	26	29	30	26	23	19	21	21	21	20	20	19	15	15	15	20	23	26	28	27	28	23
6	32	25	26	26	27	28	26	23	22	23	24	23	25	****	27	27	25	25	27	24	26	25	26	26	26
7	26	26	25	25	26	26	25	24	25	26	25	23	22	24	24	23	23	22	19	19	17	13	10	1	22
8	2	6	8	16	23	24	24	15	10	14	19	22	20	13	16	20	20	20	21	23	24	24	24	21	18
9	16	19	22	26	27	27	18	19	22	25	****	33	35	33	29	27	20	19	14	14	18	22	20	20	23
10	22	24	27	23	20	19	8	13	19	24	27	27	28	29	30	28	22	20	13	5	2	2	0	0	18
11	0	0	0	1	4	6	6	7	16	22	28	32	30	31	32	22	20	22	20	16	19	23	23	24	17
12	25	26	28	28	27	25	24	22	22	22	21	17	17	20	21	20	20	17	15	11	10	10	11	13	20
13	13	13	13	15	19	21	20	19	21	19	19	25	30	29	23	13	10	10	11	9	20	23	25	24	19
14	23	20	13	23	35	39	37	28	24	23	25	27	27	29	32	29	34	37	34	31	28	31	24	24	28
15	28	25	26	30	32	30	27	25	25	25	27	26	26	26	29	27	23	21	18	18	20	21	20	21	25
16	26	27	27	27	23	24	22	17	14	13	15	16	17	18	19	20	22	22	22	10	6	2	4	5	17
17	6	12	16	23	22	18	18	19	20	23	26	28	29	29	****	26	24	25	19	16	18	18	11	12	20
18	19	18	17	17	15	16	12	15	20	27	32	34	35	35	35	28	28	27	23	20	19	17	11	4	22
19	6	4	1	3	2	0	4	10	24	29	32	32	35	****	35	33	30	28	25	14	10	5	3	0	16
20	0	0	0	0	0	0	0	1	10	18	27	31	31	35	43	47	30	26	17	14	4	2	2	0	14
21	1	3	0	0	3	4	5	13	23	26	30	32	36	41	40	21	11	13	7	0	4	7	9	6	14
22	16	8	5	7	9	14	14	14	15	18	19	19	22	24	27	30	32	31	24	12	1	0	0	0	15
23	0	0	0	0	0	3	0	4	13	****	****	****	****	34	36	39	32	26	9	4	1	0	0	0	10
24	0	0	0	2	3	4	5	5	21	24	26	27	25	35	38	41	38	34	32	26	16	12	13	15	18
25	19	22	23	19	13	9	6	2	7	20	26	29	33	38	42	39	37	35	16	10	14	25	36	39	23
26	46	43	41	41	22	20	18	16	15	14	16	20	19	20	20	21	19	14	9	7	11	11	9	11	20
27	15	16	16	18	19	20	18	17	16	****	19	19	19	20	20	17	16	16	16	14	16	17	13	14	17
28	17	21	23	24	22	16	17	17	15	15	15	8	8	11	13	15	14	16	16	16	17	18	19	20	16
29	21	20	18	20	21	18	19	20	23	24	27	28	31	31	25	19	24	32	24	14	13	3	1	4	20
30	10	20	25	25	27	17	14	14	15	15	21	24	25	27	25	22	19	17	16	20	20	18	18	25	20
MEAN	16	16	17	18	18	17	16	15	18	20	23	24	25	26	27	25	23	22	19	15	14	14	13	14	18.9

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	29	29	29	26	23	20	19	22	25	26	28	****	31	31	30	29	30	27	20	9	0	0	0	22
2	0	0	0	0	0	0	2	18	31	31	33	34	38	37	37	35	36	35	24	12	19	19	22	27	20
3	30	20	18	21	17	11	11	7	8	12	13	16	****	21	20	23	32	36	34	31	31	30	27	25	21
4	20	23	25	24	23	16	14	17	20	23	22	21	22	21	19	17	17	19	17	13	10	8	9	12	18
5	20	26	25	21	18	13	15	24	25	29	31	31	29	28	26	21	19	19	20	21	24	25	27	24	23
6	25	27	29	29	32	32	27	27	27	26	28	29	35	35	40	48	46	43	44	40	26	3	6	14	30
7	16	16	15	9	3	3	6	9	15	26	****	39	49	50	52	52	56	58	54	41	25	15	14	15	28
8	10	9	9	10	15	18	14	14	****	32	35	49	60	65	63	58	59	54	45	35	32	41	42	29	35
9	12	15	11	10	6	0	2	5	9	20	25	38	43	52	51	44	41	39	37	28	7	4	3	8	21
10	24	32	40	36	24	17	11	13	16	25	17	12	18	24	30	30	30	30	23	17	13	19	21	19	23
11	11	12	14	14	9	2	3	6	9	24	35	50	****	51	53	55	44	41	37	43	49	38	31	34	29
12	27	29	30	31	26	24	20	19	18	12	12	9	12	16	21	17	14	10	10	12	18	13	14	14	18
13	14	14	17	18	20	20	18	18	19	20	22	27	30	29	31	25	27	27	19	21	19	17	19	22	21
14	29	31	18	13	10	2	2	7	17	25	26	30	34	34	35	34	32	30	26	25	20	8	12	25	22
15	28	27	24	34	27	22	15	14	****	18	22	24	37	38	39	31	28	30	27	23	22	21	21	20	26
16	19	19	19	20	20	18	11	13	17	21	22	23	24	24	26	27	26	24	20	16	4	0	0	0	17
17	0	0	0	0	0	0	0	6	12	25	31	33	36	36	37	37	36	38	40	35	3	5	6	22	18
18	26	27	23	14	8	0	0	2	****	25	31	35	52	52	53	50	47	45	47	31	0	0	9	18	26
19	26	28	22	13	15	12	22	26	23	23	24	29	38	44	44	41	36	34	31	27	24	25	26	34	28
20	32	37	33	30	23	20	26	27	29	35	38	46	58	59	62	57	54	39	34	24	18	4	0	0	33
21	10	32	47	50	36	31	34	34	30	26	25	22	26	25	20	20	19	19	18	16	8	4	5	7	24
22	2	3	3	0	1	0	1	9	17	24	30	31	****	38	38	39	38	40	37	29	22	21	20	19	20
23	20	17	11	10	10	7	8	10	15	21	34	38	43	51	****	****	****	****	****	****	****	****	****	****	******
24													- DATA INVALID -												
25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	15	16	14	16	18	20	18	17	17	18	******
26	16	20	21	19	16	13	8	8	9	9	9	11	14	16	18	15	16	9	10	9	10	10	7	6	12
27	2	9	12	6	6	11	12	11	11	16	19	21	23	25	27	21	18	15	10	11	6	1	3	2	12
28	4	0	1	1	0	0	0	0	3	7	16	19	18	18	20	22	19	17	22	19	10	5	1	0	9
29	0	0	0	0	0	0	0	0	0	2	4	7	13	10	9	11	12	11	19	12	0	0	0	0	5
30	0	0	1	0	2	0	3	5	9	17	22	26	32	26	21	21	25	24	20	20	11	0	0	0	12
31	0	0	0	0	0	0	1	10	20	28	31	35	****	51	52	55	56	58	64	62	56	45	32	36	30
MEAN	16	17	17	16	14	11	11	13	17	22	24	28	33	35	34	33	32	31	29	25	18	14	14	16	21.4

PERCENTAGE OF DATA VALID - 92.3 PERCENTAGE OF DATA INVALID - 7.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	28	27	29	26	19	13	18	21	26	33	39	51	68	71	53	41	44	45	42	31	35	42	34	36
2	21	18	17	16	18	14	10	10	13	18	21	27	32	34	38	37	37	31	26	32	31	15	12	15	23
3	12	15	20	10	11	3	10	14	23	34	40	41	46	50	57	60	60	51	40	38	25	22	11	31	30
4	34	17	10	12	18	4	2	5	11	20	33	38	48	57	59	55	49	34	34	40	39	27	16	13	28
5	21	21	11	19	16	10	13	18	18	23	27	28	32	32	31	30	26	23	20	15	10	3	6	10	19
6	9	10	10	10	10	7	7	10	11	17	26	38	53	55	58	57	56	51	34	30	18	13	10	11	25
7	7	6	6	5	1	0	2	5	17	32	42	49	47	53	51	52	73	67	56	43	36	30	30	24	31
8	28	27	22	15	13	11	8	10	11	16	17	20	27	32	****	38	37	36	26	22	15	12	9	13	20
9	19	19	24	25	23	21	22	20	22	28	30	34	44	46	47	48	49	49	37	48	57	54	45	40	35
10	29	20	19	15	10	10	11	12	15	18	30	37	39	42	50	52	54	29	22	21	23	23	19	20	26
11	20	20	21	21	25	28	22	17	20	22	25	24	25	****	24	24	24	21	20	17	17	14	10	7	20
12	10	10	13	10	10	9	6	13	13	14	17	21	23	24	24	22	21	22	22	24	13	10	2	1	15
13	0	0	1	0	0	0	0	3	14	26	25	28	36	37	38	41	40	35	27	25	15	8	1	0	17
14	0	0	0	0	0	0	2	9	18	26	35	39	43	47	55	68	77	77	73	61	57	56	53	50	35
15	48	39	38	29	27	11	12	13	20	40	56	68	77	****	79	74	71	70	68	61	49	31	32	41	46
16	42	40	35	34	31	20	25	36	52	67	77	78	79	80	84	85	77	58	50	49	49	39	35	46	53
17	62	60	68	49	46	33	31	31	38	47	59	68	69	69	70	76	77	71	45	34	24	19	19	20	49
18	19	19	20	23	25	23	21	18	22	24	25	27	****	39	42	44	44	35	26	22	9	6	6	5	24
19	0	0	0	0	0	0	2	7	17	24	27	32	39	41	43	37	36	41	42	37	23	24	21	20	21
20	24	27	20	15	14	10	12	19	25	42	45	53	57	61	67	79	72	69	71	68	67	60	47	40	44
21	38	35	28	20	17	13	12	13	17	20	20	25	37	47	49	48	44	42	42	39	35	35	32	27	31
22	21	19	15	11	9	12	10	4	7	23	22	20	17	13	10	14	18	19	16	13	11	11	13	14	14
23	18	20	20	20	20	21	16	15	13	12	12	13	16	16	17	14	14	13	13	12	10	8	7	9	15
24	3	7	8	10	10	11	12	13	14	16	18	23	25	25	22	22	21	20	19	9	7	7	11	11	14
25	9	7	5	8	8	5	7	12	17	21	23	26	33	35	37	38	32	26	23	22	17	1	0	0	17
26	0	0	0	0	0	0	1	7	****	30	40	45	52	55	61	59	54	53	56	54	43	47	53	53	33
27	52	49	53	46	31	16	18	16	20	37	50	58	69	66	61	44	32	27	34	22	56	62	60	54	43
28	54	55	52	55	48	49	37	35	39	46	51	52	59	57	42	39	39	40	37	27	17	2	0	0	39
29	0	0	2	6	10	8	4	6	16	35	35	28	31	32	36	38	40	42	44	43	36	31	27	27	24
30	26	25	25	25	23	17	14	17	17	17	18	19	26	30	37	55	58	62	59	52	45	46	40	34	33
MEAN	22	20	20	18	17	13	12	14	19	27	33	37	42	44	47	47	46	42	38	34	30	25	22	22	28.7

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	24	23	25	26	25	24	20	16	12	12	14	17	17	17	16	22	25	28	28	30	35	36	37	23
2	34	32	20	11	9	9	10	11	9	11	11	12	16	18	18	20	20	20	22	20	17	14	10	3	16
3	9	11	13	13	14	15	16	11	14	17	20	21	25	26	27	26	26	26	23	22	20	12	2	5	17
4	5	1	3	7	8	6	6	5	4	6	****	25	24	25	26	26	25	23	22	23	21	20	17	17	15
5	15	15	17	17	18	17	17	13	12	11	18	21	24	25	25	23	23	23	22	23	22	19	10	6	18
6	7	7	7	8	10	10	11	7	5	9	14	19	23	23	****	24	25	24	25	26	22	18	8	2	15
7	1	0	0	0	0	0	0	0	1	4	26	28	30	34	37	44	52	56	55	44	31	28	14	9	21
8	4	0	0	0	0	0	0	0	0	6	16	31	50	54	63	67	63	72	79	86	93	74	52	31	35
9	21	37	37	28	30	18	13	7	4	7	21	21	19	22	31	****	****	24	30	36	39	41	41	42	26
10	34	27	27	23	18	10	10	15	10	12	13	15	17	21	24	27	23	28	41	45	42	40	19	0	23
11	0	0	0	9	39	31	20	14	4	10	22	47	59	63	63	57	59	55	29	7	9	13	7	3	26
12	6	8	12	11	4	0	1	5	23	44	64	73	81	79	78	78	76	76	44	44	14	1	23	29	36
13	22	6	2	3	5	2	2	7	30	46	66	82	89	87	83	83	91	84	65	45	24	22	24	16	41
14	16	3	0	11	16	5	15	30	36	58	83	99	87	79	74	74	90	97	87	77	64	62	70	65	54
15	68	70	67	58	55	40	32	34	35	39	46	52	58	58	61	70	60	54	44	35	25	21	18	12	46
16	1	0	0	0	0	2	6	16	****	40	39	40	41	39	37	30	27	28	26	21	17	12	7	5	19
17	12	13	14	13	10	7	6	15	15	20	21	24	27	27	28	35	29	19	25	16	10	7	10	12	17
18	12	12	11	11	11	9	8	10	14	19	22	25	30	30	32	25	24	24	21	14	6	3	0	0	16
19	0	0	0	0	0	0	0	3	****	****	37	53	55	62	70	78	78	54	58	56	42	18	22	27	32
20	26	31	24	****	****	****	****	****	****	****	****	****	****	****	81	82	84	68	58	49	35	14	7	10	******
21	0	0	0	0	3	0	2	10	52	73	83	85	97	97	98	98	96	90	75	73	61	35	42	42	51
22	32	35	55	54	20	15	16	33	53	77	81	89	88	96	98	101	101	99	95	91	63	27	13	14	60
23	14	20	26	38	37	18	5	15	25	37	49	54	60	65	67	66	62	59	53	45	42	46	49	53	42
24	65	47	30	22	14	14	4	8	13	19	****	45	38	36	35	34	37	38	25	22	22	21	19	18	27
25	18	14	11	9	8	8	7	8	13	15	20	24	30	30	31	26	19	21	18	13	10	14	16	20	17
26	20	21	21	18	21	19	10	8	8	10	12	12	13	13	14	17	17	18	24	26	25	9	6	1	15
27	0	2	9	18	20	21	16	17	17	20	21	24	38	37	39	****	27	34	35	27	21	9	11	14	21
28	23	24	30	29	26	23	17	23	25	26	29	30	21	24	34	45	38	42	31	17	11	4	1	6	24
29	4	2	4	1	8	7	7	13	20	20	21	23	27	28	29	29	28	28	25	13	10	4	0	0	15
30	0	0	0	0	0	0	1	5	6	****	36	36	40	40	40	39	40	42	43	45	48	48	45	42	26
31	39	35	34	30	22	11	6	6	8	11	11	14	21	21	18	14	18	23	24	16	15	19	21	19	19
MEAN	17	16	16	16	15	11	10	12	17	24	33	38	42	43	46	47	46	44	40	36	29	23	20	18	27.4

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY.LONDON MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	22	18	15	10	3	5	17	29	32	39	38	41	42	28	23	32	31	20	18	19	25	24	24
2	27	35	44	44	37	33	12	10	17	32	23	17	19	****	26	28	29	32	34	22	3	4	7	17	24
3	32	29	21	17	12	0	0	2	12	27	43	47	60	64	60	59	55	55	46	40	18	21	21	30	32
4	27	24	24	25	20	15	4	19	36	50	56	61	63	62	61	62	64	62	73	67	64	60	63	65	47
5	51	38	33	29	29	26	13	17	24	37	41	49	51	72	72	50	50	54	56	50	39	25	23	21	40
6	19	20	22	24	24	20	16	14	15	17	22	30	33	34	29	29	29	30	31	25	17	9	13	18	23
7	20	26	26	23	18	18	10	4	7	15	****	20	41	48	52	58	56	56	58	56	41	35	27	24	32
8	21	12	12	0	4	5	2	0	8	10	13	13	20	22	29	26	24	22	27	24	12	10	11	10	14
9	12	7	6	2	2	3	3	4	8	****	****	21	24	28	32	30	25	19	16	15	16	17	18	20	15
10	23	19	27	32	35	32	35	32	30	****	35	38	35	34	34	34	31	27	25	24	19	19	17	16	28
11	17	16	17	15	13	9	9	11	14	17	21	21	25	24	25	28	28	24	19	13	12	15	14	15	18
12	10	11	11	9	11	11	10	12	14	20	26	28	34	37	39	36	36	36	31	22	19	13	13	15	21
13	10	1	2	0	0	0	0	2	7	17	26	32	****	42	42	36	33	35	33	27	36	37	37	37	21
14	32	27	24	20	18	16	8	8	****	15	17	16	17	17	16	17	19	20	20	18	17	17	16	16	18
15	16	17	17	17	16	13	10	10	13	17	19	20	20	20	19	19	18	15	14	6	5	7	8	10	14
16	7	5	6	5	1	0	1	4	6	12	16	19	23	23	25	26	26	27	23	13	0	0	0	1	11
17	3	5	0	2	2	1	2	5	7	12	24	33	35	****	31	36	37	32	19	15	15	17	18	17	16
18	24	25	29	34	29	24	21	20	17	13	12	14	20	23	29	32	32	30	29	28	21	5	6	6	22
19	11	14	21	15	15	13	22	32	29	28	31	33	34	35	36	36	35	30	24	19	13	14	17	16	24
20	11	9	12	11	8	2	1	5	6	18	29	34	38	37	40	42	41	34	28	12	0	2	1	1	18
21	7	2	3	3	2	1	1	6	16	24	28	32	39	43	49	50	51	48	38	25	9	3	1	0	20
22	0	0	0	0	0	0	1	2	9	26	35	45	43	42	43	44	45	40	27	26	28	30	26	21	22
23	24	23	21	16	14	9	2	3	7	16	21	24	25	29	29	41	44	37	30	35	34	29	29	27	24
24	28	20	18	16	13	9	7	8	12	12	****	19	25	****	****	40	40	38	24	17	17	21	24	19	20
25	16	16	14	12	11	7	6	12	13	22	28	30	29	28	29	39	40	37	28	23	16	9	3	2	20
26	0	0	6	13	16	17	15	11	16	21	22	27	34	36	39	41	41	41	37	33	26	23	20	25	23
27	25	25	22	18	14	8	4	6	16	32	35	38	40	39	****	36	37	40	34	21	24	30	31	22	26
28	20	22	23	23	15	11	6	5	5	17	28	33	42	41	41	41	40	36	34	26	26	46	40	36	27
29	36	35	35	35	20	13	9	6	7	14	19	24	30	32	32	25	20	22	24	22	19	15	12	10	22
30	14	10	11	13	16	15	6	6	13	23	26	34	44	36	34	34	33	28	13	6	3	3	2	2	18
31	1	3	3	1	1	2	0	0	2	8	24	29	34	40	38	30	27	24	18	8	1	0	0	0	12
MEAN	18	17	17	16	14	11	8	9	13	21	27	30	34	37	37	37	36	34	30	24	19	18	18	18	22.4

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY.LONDON MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	0	0	0	3	3	10	20	26	37	45	61	74	81	80	87	78	73	64	57	52	37	31	38
2	38	33	29	21	17	14	15	15	17	19	16	16	14	22	28	29	30	31	29	24	18	15	16	14	22
3	19	20	19	18	17	17	14	16	20	22	24	25	27	28	28	27	27	24	19	14	10	4	4	6	19
4	6	6	6	2	0	0	0	0	1	3	7	16	24	30	35	35	36	35	29	10	1	0	0	0	12
5	0	7	5	6	6	1	0	3	6	12	31	40	52	60	64	59	47	41	31	22	18	18	18	9	23
6	13	17	19	20	20	10	3	4	13	32	42	46	50	50	47	48	49	33	20	11	10	8	14	20	25
7	21	17	16	15	15	9	0	2	6	11	10	13	12	12	11	12	12	11	6	7	10	10	10	5	11
8	3	5	8	11	10	10	10	11	12	13	14	16	17	17	16	17	17	19	14	5	0	2	0	0	10
9	0	3	2	0	0	0	0	4	7	13	20	22	24	24	25	26	25	23	18	8	4	3	4	6	11
10	2	13	22	20	12	11	8	16	****	29	31	32	****	35	29	20	19	17	16	12	14	15	11	9	18
11	10	8	8	8	7	7	2	2	5	10	13	15	18	18	19	25	28	31	27	12	7	4	0	2	12
12	7	7	14	12	6	1	0	1	3	6	22	34	56	57	58	55	54	50	33	21	23	30	20	21	25
13	18	18	18	13	16	14	11	12	18	22	29	37	46	47	49	55	56	56	43	32	18	18	19	24	29
14	32	31	28	27	20	19	12	8	9	****	11	10	15	15	14	12	12	10	6	2	0	0	1	3	13
15	3	2	3	4	5	6	6	6	6	8	7	9	16	17	19	21	21	20	12	1	0	0	1	2	8
16	8	8	7	5	7	6	6	5	12	16	20	35	29	31	34	39	36	29	26	11	5	4	7	10	17
17	12	13	14	24	24	17	4	2	13	24	****	42	40	41	40	****	46	42	36	19	15	20	22	27	24
18	38	34	34	30	24	22	9	8	16	22	28	36	46	50	58	61	27	30	33	13	12	9	7	8	27
19	11	12	13	14	16	16	7	5	12	17	19	19	20	20	22	20	19	18	15	4	3	4	3	0	13
20	0	0	0	0	0	0	0	0	0	10	16	19	20	20	23	25	25	28	27	17	13	8	10	9	11
21	10	14	11	10	9	7	4	2	2	7	10	16	24	****	22	17	16	15	12	9	7	3	3	6	10
22	7	2	0	1	6	8	7	6	5	6	8	13	18	18	20	19	19	18	16	7	5	11	13	6	10
23	1	1	4	6	8	9	5	5	7	11	13	15	21	22	22	23	23	25	20	4	6	1	1	0	11
24	5	6	4	5	5	3	1	0	3	16	21	24	29	28	28	27	26	21	7	1	4	7	7	8	12
25	4	2	0	2	2	0	0	0	3	20	33	38	48	50	52	58	56	36	12	9	1	0	0	1	18
26	10	16	16	8	7	0	0	2	7	13	20	26	33	38	38	33	31	18	6	2	1	0	0	0	14
27	0	0	0	0	0	0	0	0	3	12	20	41	51	47	42	37	31	25	6	1	1	2	4	1	14
28	0	5	10	14	11	5	5	7	8	10	14	16	9	12	****	13	13	16	12	2	3	9	1	0	8
29	0	0	0	0	1	2	0	0	3	5	9	16	26	37	40	41	38	35	20	19	19	21	10	3	14
30	0	2	12	19	22	26	21	20	15	12	15	28	43	52	58	57	44	45	37	18	11	10	4	5	24
MEAN	9	10	11	11	10	8	5	6	9	15	19	25	31	34	35	34	32	29	22	13	10	10	8	8	16.7

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	17	16	15	12	4	0	3	6	9	12	12	8	****	9	10	9	5	2	2	0	0	1	2	8
2	5	5	3	3	2	1	0	2	3	5	7	12	21	24	21	16	18	20	21	25	23	18	22	23	13
3	21	20	19	18	17	12	5	4	2	2	3	11	13	7	8	10	10	11	7	6	5	5	10	15	10
4	16	13	5	5	7	3	1	0	2	3	6	11	13	14	13	10	13	15	3	1	0	0	0	0	6
5	2	1	0	1	1	0	0	0	1	4	4	7	****	13	14	19	20	16	11	4	5	12	16	11	7
6	8	8	8	7	6	6	3	3	5	9	5	10	10	11	12	6	2	4	2	2	3	1	1	2	6
7	5	6	11	12	13	15	15	13	14	14	14	13	13	13	11	12	12	14	11	3	4	9	6	0	11
8	0	1	9	9	9	8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	18	15	13	12	2	2	4	2	0	0	******
10	0	0	0	0	0	0	0	0	1	3	14	14	16	12	12	12	10	5	7	5	3	1	0	1	5
11	2	2	1	0	0	0	0	0	1	1	4	11	11	****	****	3	1	1	5	6	7	9	9	5	4
12	3	4	3	1	0	0	0	0	2	3	4	2	3	0	0	****	****	****	****	****	****	****	****	****	******
13												- DATA INVALID -													
14												- DATA INVALID -													
15	****	****	****	****	****	****	****	****	****	****	****	2	4	5	7	12	13	8	1	0	0	2	1	0	******
16	0	0	0	0	0	3	0	0	1	6	9	11	15	18	20	16	12	10	****	****	****	****	****	****	7
17												- DATA INVALID -													
18												- DATA INVALID -													
19	****	****	****	****	****	****	****	****	****	****	13	19	30	33	35	31	27	24	25	24	25	21	19	13	******
20	15	21	24	27	25	13	8	6	12	19	17	19	20	21	23	25	26	27	27	24	25	23	19	19	20
21	16	16	19	20	22	22	19	19	22	21	24	25	26	27	29	32	35	21	12	13	11	14	14	13	21
22	8	10	8	8	4	2	2	2	****	13	15	20	26	34	41	37	35	30	25	24	18	20	22	22	19
23	24	24	24	24	16	18	2	3	4	2	2	2	5	4	4	4	5	6	4	5	6	8	6	10	9
24	11	13	13	14	14	13	10	6	8	7	7	8	10	10	7	7	6	7	8	9	9	4	9	19	10
25	21	23	22	22	21	18	14	8	8	11	11	10	13	13	13	13	9	9	11	11	7	6	6	7	13
26	14	19	20	16	18	14	8	3	7	7	8	8	8	****	4	4	2	3	4	5	3	4	1	2	8
27	3	6	3	9	4	1	0	0	2	4	6	8	18	19	18	14	14	12	12	10	1	0	1	5	7
28	5	0	8	6	6	8	10	10	10	12	10	10	9	8	7	6	5	4	3	4	4	6	7	8	7
29	6	13	20	17	16	18	13	3	5	7	7	8	6	3	3	2	1	1	1	2	0	0	0	0	6
30	0	0	0	0	0	0	0	0	3	8	16	14	18	21	22	20	17	13	7	7	7	6	5	5	8
31	5	2	3	3	4	3	1	1	1	7	16	24	29	32	32	34	24	11	5	5	8	15	18	18	13
MEAN	9	9	10	10	9	8	5	4	5	8	10	12	14	16	15	15	14	12	9	8	7	8	8	8	9.7

PERCENTAGE OF DATA VALID - 77.2 PERCENTAGE OF DATA INVALID - 22.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	18	16	17	19	20	19	17	13	13	12	****	****	****	****	14	11	14	5	2	2	2	4	13
2	9	9	7	8	12	7	1	0	2	7	13	16	18	20	21	14	9	1	0	0	0	0	0	0	7
3	0	0	0	0	3	1	0	0	5	8	11	15	18	22	25	22	14	7	8	5	1	2	1	1	7
4	1	4	7	11	11	11	7	5	9	15	20	24	24	24	24	23	18	10	1	1	0	0	0	0	10
5	0	0	0	0	0	0	0	0	0	10	12	18	17	14	13	12	3	0	0	0	0	0	0	0	4
6	0	0	0	0	0	0	0	0	0	0	1	1	3	6	1	1	0	0	0	0	0	10	16	21	3
7	17	18	20	24	28	28	27	19	16	18	20	20	21	13	9	7	5	1	1	1	3	4	2	4	14
8	7	9	12	13	14	7	4	6	5	5	7	7	4	4	5	****	2	0	0	0	0	0	0	0	5
9	0	0	0	0	0	0	0	0	0	1	4	4	3	3	1	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	2	4	12	13	11	11	14	12	14	14	14	13	7	0	0	2	1	1	1	0	6
11	0	4	0	0	0	0	0	5	13	28	28	28	25	26	27	26	24	21	15	15	13	13	16	12	14
12	7	9	10	16	20	9	0	0	3	16	25	28	30	32	33	33	18	5	0	0	0	0	0	0	12
13	0	1	0	0	0	0	0	0	0	9	18	24	****	****	****	10	6	2	1	2	4	2	1	2	4
14	4	4	11	14	14	11	9	3	3	5	6	9	12	****	****	****	3	2	2	2	1	0	0	0	5
15	0	0	2	4	4	2	1	1	1	2	3	1	3	3	1	0	0	0	0	1	2	3	7	11	2
16	14	15	17	12	14	14	7	1	3	14	16	13	13	13	****	11	5	1	1	1	2	2	4	2	8
17	3	4	5	5	6	6	6	4	4	4	5	8	9	11	12	10	6	0	0	0	0	0	0	0	5
18	0	0	0	0	0	0	0	0	3	7	11	16	15	15	17	15	12	2	1	1	0	6	6	6	6
19	15	12	8	1	0	0	0	0	0	1	****	****	29	30	30	16	6	3	18	24	24	21	17	14	12
20	20	22	22	18	15	6	0	0	1	3	7	12	14	14	16	13	8	1	1	0	0	0	0	3	8
21	11	11	12	12	11	9	9	6	5	7	7	7	5	5	6	2	1	0	0	0	0	0	0	3	5
22	13	17	21	19	20	21	14	14	11	12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
23	****	****	****	****	****	****	****	****	****	****	****	6	7	8	6	5	1	0	0	0	0	0	0	0	******
24	0	2	5	9	11	12	4	4	2	4	5	9	10	10	11	8	6	0	1	0	0	0	0	0	5
25	0	0	0	0	0	0	0	0	1	2	3	5	6	5	3	1	0	2	3	3	3	3	4	1	2
26	4	5	5	9	13	21	19	18	15	14	12	11	13	14	15	****	10	13	13	12	13	13	11	8	12
27	11	14	12	12	12	10	9	7	6	7	8	8	11	10	10	8	3	2	2	0	1	3	4	3	7
28	4	4	5	5	9	14	16	12	8	9	10	11	10	11	11	6	4	1	3	4	3	3	3	5	7
29	6	5	4	3	4	4	2	1	1	4	5	6	5	5	5	****	****	1	1	1	1	1	0	1	3
30	3	6	6	7	8	11	7	5	4	5	7	8	6	6	8	5	3	1	1	1	2	2	2	2	5
MEAN	6	7	7	8	9	8	6	5	5	8	11	12	13	13	13	11	7	3	3	3	3	3	3	4	6.9

PERCENTAGE OF DATA VALID - 94.2 PERCENTAGE OF DATA INVALID - 5.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	2	3	3	3	3	2	2	4	7	8	11	10	10	8	6	2	0	0	1	3	5	6	4
2	8	7	8	12	13	13	13	9	12	13	16	17	18	18	16	13	9	7	8	12	6	3	4	4	11
3	5	4	2	3	5	6	4	3	3	8	13	16	16	15	12	9	6	6	7	8	8	6	4	4	7
4	5	3	3	1	1	0	0	0	1	1	3	7	10	10	9	7	2	0	0	0	0	0	0	0	3
5	0	2	4	6	5	4	4	4	6	10	13	17	19	19	18	17	16	17	17	18	17	15	17	17	12
6	18	15	14	11	9	5	1	0	1	****	5	4	4	2	1	0	0	0	0	0	0	0	0	0	4
7	0	0	2	1	1	1	1	3	1	3	4	5	6	4	****	5	4	5	6	5	1	0	2	7	3
8	11	12	13	17	17	18	17	16	15	14	14	14	14	13	12	12	12	10	8	8	6	6	5	4	12
9	6	4	7	7	6	5	6	4	5	7	9	10	9	9	7	6	5	4	5	4	1	1	0	0	5
10	1	1	1	0	0	0	0	0	0	2	4	4	8	7	5	****	1	1	2	3	5	6	4	5	3
11	10	13	13	12	10	10	8	7	6	7	10	12	17	17	18	14	13	12	15	17	18	18	20	20	13
12	20	19	18	17	17	11	10	10	10	11	11	10	11	11	11	12	11	10	9	10	10	8	10	10	12
13	11	11	11	11	12	11	10	10	6	4	4	5	4	5	5	7	7	8	10	10	11	10	7	6	8
14	4	3	1	2	2	5	7	5	4	5	6	5	6	10	****	7	6	3	1	0	0	0	0	0	4
15	0	0	0	0	0	0	0	0	1	4	6	8	7	8	9	5	1	0	0	0	0	0	1	2	2
16	3	3	3	1	1	1	0	0	1	2	2	2	2	7	9	13	15	15	14	14	14	13	16	16	7
17	17	16	16	15	15	16	15	7	7	8	13	13	16	17	15	14	10	7	8	7	5	4	3	5	11
18	5	2	1	0	0	0	0	0	1	2	5	5	7	7	5	5	2	0	0	0	1	2	3	2	2
19	2	2	2	2	2	2	1	1	1	0	2	3	6	7	6	3	1	0	0	0	0	1	1	1	2
20	2	2	2	2	1	0	0	0	2	3	4	6	6	6	7	3	1	0	0	0	0	0	0	0	2
21	0	0	0	0	0	0	0	1	2	****	6	8	9	9	9	4	2	0	0	0	0	0	0	0	2
22	0	0	0	0	0	0	0	1	2	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1
23	2	3	3	3	4	5	6	6	2	2	3	4	2	5	5	6	2	0	0	0	0	0	0	0	3
24	0	0	0	1	2	2	1	1	1	2	1	4	2	1	1	0	0	0	0	0	0	0	0	0	1
25	0	0	0	1	2	2	3	3	4	5	5	6	10	10	9	11	12	12	12	13	12	11	11	13	7
26	15	15	14	14	14	16	15	16	18	16	16	16	14	14	11	11	11	9	9	8	6	7	10	11	13
27	11	11	12	14	14	16	17	15	16	16	17	16	18	16	13	10	11	11	12	12	10	11	12	13	14
28	13	13	14	14	17	19	19	17	14	13	****	12	10	10	10	7	3	0	0	0	1	2	7	10	10
29	9	3	4	4	6	6	4	1	2	4	6	7	10	11	12	9	7	1	1	1	2	0	2	1	5
30	2	2	0	1	0	0	0	0	3	6	12	13	12	13	13	11	10	9	8	9	11	13	13	14	7
31	15	17	17	17	18	17	16	17	12	10	9	10	12	10	10	11	11	11	12	12	12	11	13	13	13
MEAN	6	6	6	6	6	6	6	5	5	6	8	9	10	10	9	8	6	5	5	6	5	5	6	6	6.5

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	9.8	19	27
FEB	28	14.6	30	47
MAR	31	15.1	25	46
APR	30	18.9	28	47
MAY	28	21.4	35	65
JUN	30	28.7	53	85
JUL	30	27.4	60	101
AUG	31	22.4	47	73
SEP	30	16.7	38	87
OCT	22	9.7	21	41
NOV	28	6.9	14	33
DEC	31	6.5	14	20
YEAR	350	16.6	60	101

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	390	346	0	0	0	0	0	0	736
FEB	225	422	17	0	0	0	0	0	664
MAR	264	424	47	0	0	0	0	0	735
APR	138	509	63	0	0	0	0	0	710
MAY	166	359	129	33	0	0	0	0	687
JUN	125	298	182	108	2	0	0	0	715
JUL	173	329	106	78	35	2	0	0	723
AUG	159	376	164	33	0	0	0	0	732
SEP	301	298	83	29	2	0	0	0	713
OCT	346	216	12	0	0	0	0	0	574
NOV	478	197	3	0	0	0	0	0	678
DEC	535	203	0	0	0	0	0	0	738
YEAR	3300	3977	806	281	39	2	0	0	8405

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.9	0	0.0	6.5	13.7	20.5	34.4	44.7	59.4	70.7	101	16.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18001 MACKENZIE RR 2 TIVERTON MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	8	12	15	17	19	18	17	18	18	20	21	20	21	23	24	24	25	25	24	25	27	27	19
2	27	27	27	29	28	29	29	28	27	27	27	27	26	27	26	27	29	30	30	30	29	29	28	28	28
3	27	24	23	27	27	27	27	24	25	25	26	26	28	27	26	27	26	25	23	24	24	25	27	26	26
4	23	27	27	28	27	27	27	30	30	31	30	30	30	32	29	31	31	31	30	31	32	32	32	32	30
5	32	32	32	33	34	34	33	30	30	30	30	30	30	30	29	26	29	29	30	28	26	26	26	23	30
6	25	23	24	23	22	23	24	27	27	26	26	26	26	26	26	27	27	31	31	28	29	29	26	28	26
7	29	25	25	25	25	25	24	22	25	21	23	22	24	27	25	23	23	27	31	31	31	32	-	-	26
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12	-	-	-	-	-	-	-	-	-	-	-	****	****	22	24	22	14	15	16	7	5	7	8	3	******
13	0	0	2	0	1	0	0	0	7	10	14	18	19	20	19	17	15	13	14	14	15	15	16	15	10
14	16	17	20	20	23	23	24	25	26	27	30	34	32	31	30	29	31	32	33	31	32	33	33	32	28
15	34	33	33	33	33	32	32	30	30	29	29	29	29	28	****	****	29	29	27	25	25	23	24	22	29
16	24	25	25	23	24	24	25	25	26	27	29	31	32	32	30	26	24	27	27	29	23	24	23	24	26
17	20	20	20	22	22	21	16	2	8	11	13	19	17	10	7	8	13	17	25	26	25	23	21	23	17
18	25	25	26	26	28	29	31	30	29	31	32	34	34	32	32	31	28	30	28	30	31	28	29	29	30
19	28	26	26	29	29	29	23	23	20	17	20	20	25	25	27	27	16	16	17	15	16	10	13	5	21
20	15	14	13	13	13	13	11	10	13	15	17	17	17	17	17	15	12	10	13	15	15	14	14	12	14
21	10	8	9	11	13	11	12	13	15	16	16	23	26	29	29	29	29	28	28	26	25	23	24	24	20
22	26	26	28	29	30	30	30	31	32	34	34	35	36	35	33	32	28	34	31	32	31	32	32	32	31
23	33	32	29	32	31	17	5	21	26	28	29	30	32	34	33	28	24	23	28	22	19	11	19	18	25
24	16	14	11	9	10	13	17	18	19	20	20	22	25	23	22	20	17	16	19	20	20	22	24	26	18
25	26	24	24	25	28	29	29	26	30	31	32	32	33	32	32	32	32	33	32	32	31	28	28	29	30
26	30	29	29	29	29	28	28	28	28	28	28	****	****	****	27	28	28	29	30	29	29	29	29	****	29
27	28	28	28	28	28	27	27	27	27	28	28	27	26	27	27	26	26	26	25	25	25	25	25	25	27
28	25	24	24	24	25	25	26	25	25	24	25	26	24	24	26	27	28	27	26	28	29	30	30	30	26
29	28	29	29	29	29	29	30	30	30	30	30	30	32	30	31	31	32	33	34	34	35	34	34	34	31
30	34	33	34	34	33	34	33	32	34	34	34	34	34	34	35	35	35	35	35	35	35	35	35	35	34
31	34	34	34	34	34	34	33	32	32	32	33	33	33	33	33	33	32	33	33	34	34	34	34	34	33
MEAN	24	23	23	24	25	24	24	23	25	25	26	27	28	27	27	26	25	26	27	26	26	25	25	25	25.2

PERCENTAGE OF DATA VALID - 84.3 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 14.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18001 MACKENZIE RR 2 TIVERTON MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	32	32	32	32	32	32	32	32	32	32	32	33	34	33	33	34	34	34	34	34	34	34	34	34	33
2	34	34	34	34	34	34	34	32	20	31	32	32	34	34	34	31	16	23	24	22	26	26	29	31	30
3	31	31	31	31	29	27	27	25	25	26	31	38	41	44	45	40	33	34	36	27	25	28	24	19	31
4	18	16	12	8	13	26	42	44	44	44	42	40	40	38	36	36	38	34	32	31	31	31	31	31	32
5	30	31	30	30	30	30	30	30	31	30	31	31	31	30	30	30	30	31	31	31	31	31	31	32	31
6	34	31	29	29	29	27	25	21	22	21	22	****	30	33	32	27	25	25	24	21	16	16	19	23	25
7	22	17	14	12	8	4	1	2	8	12	16	19	20	21	24	23	16	12	15	38	35	32	31	32	18
8	32	32	32	32	32	29	29	30	30	31	31	31	31	31	31	32	30	31	32	32	32	32	32	31	31
9	31	31	31	31	31	31	30	28	30	30	30	30	31	29	30	27	24	28	30	31	28	25	29	24	29
10	20	24	25	33	34	34	33	30	31	32	34	35	34	34	35	36	36	35	34	34	33	32	33	34	32
11	33	33	34	30	30	30	29	30	31	31	32	32	34	34	36	36	36	36	28	27	29	31	30	28	32
12	27	26	26	24	22	17	12	13	17	19	23	27	30	30	29	35	34	34	33	33	32	32	32	32	27
13	30	29	31	31	29	29	30	29	30	30	30	29	32	32	33	32	17	24	23	16	17	24	26	19	27
14	26	31	31	30	32	32	28	23	30	31	31	32	31	29	33	31	27	18	17	16	16	17	17	17	26
15	17	18	23	29	32	32	30	29	-	-	****	36	35	37	37	36	35	35	36	36	36	35	35	34	32
16	32	33	34	34	34	35	35	34	34	32	32	32	35	35	34	34	34	34	34	35	35	35	35	35	34
17	34	34	34	33	32	32	32	32	31	30	31	31	33	32	33	32	32	20	26	23	24	28	31	29	30
18	33	33	32	32	32	34	34	34	32	32	32	32	35	34	31	32	34	31	30	29	27	26	23	22	31
19	21	21	21	21	22	23	24	10	12	21	26	29	33	35	39	40	37	37	41	44	46	50	32	20	29
20	15	13	12	13	14	17	21	21	27	34	36	44	46	48	49	53	50	49	42	44	49	48	43	42	35
21	38	30	30	27	28	29	16	18	25	26	24	28	27	25	25	25	23	24	30	42	57	56	47	45	31
22	45	45	43	42	37	35	31	31	32	31	32	35	38	39	42	43	33	41	37	40	42	41	38	36	38
23	25	5	36	41	45	46	40	36	33	32	30	26	26	24	21	16	13	9	8	10	12	15	18	19	24
24	19	20	27	35	41	43	37	32	31	31	32	34	34	34	34	35	35	34	34	34	34	34	34	33	33
25	33	33	32	32	32	32	32	31	31	31	31	34	35	35	36	36	36	36	37	37	37	36	35	34	34
26	35	35	35	35	35	35	35	35	34	33	32	33	33	34	35	36	37	39	39	39	38	38	38	38	36
27	35	35	35	36	36	36	35	33	32	36	38	39	39	39	38	36	30	36	38	41	43	42	41	43	37
28	43	43	42	40	38	36	31	25	27	32	39	46	-	****	55	49	31	25	22	26	41	44	45	41	37
MEAN	29	28	30	30	30	30	29	28	28	30	31	33	33	33	35	34	31	30	30	31	32	33	32	31	30.9

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18001 MACKENZIE RR 2 TIVERTON MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	45	47	48	48	46	46	45	36	32	32	36	39	39	37	31	28	21	11	15	20	23	32	44	42	35
2	40	37	34	34	35	32	28	20	26	28	30	31	34	38	39	41	35	37	36	39	41	39	37	35	34
3	37	37	37	29	23	18	16	16	19	23	29	36	40	42	45	47	50	52	49	49	49	48	46	42	37
4	40	36	36	36	35	35	35	36	37	38	39	40	42	41	41	41	41	38	36	33	34	31	23	28	36
5	30	29	29	32	34	34	35	34	33	34	34	36	35	35	34	32	26	26	26	22	14	11	11	17	28
6	18	16	16	18	19	21	22	21	21	21	25	29	32	31	28	26	31	40	40	40	39	37	36	34	28
7	29	28	33	34	36	30	27	21	27	32	41	47	****	****	****	64	61	55	43	40	38	34	31	34	37
8	35	32	31	30	30	31	29	0	2	4	3	4	33	33	32	31	30	32	31	30	25	28	29	25	25
9	22	26	25	27	27	26	23	19	28	33	36	38	36	38	38	34	30	31	37	37	34	23	15	13	29
10	7	3	4	9	15	18	27	31	32	33	35	35	41	40	38	38	38	37	37	38	37	36	35	34	29
11	34	34	33	32	32	31	30	30	30	31	30	31	33	32	31	29	30	31	31	31	32	32	32	36	32
12	36	36	38	38	37	36	35	33	35	36	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
13	****	****	****	****	****	****	****	26	26	28	31	33	36	36	35	36	34	29	32	27	25	27	25	26	30
14	24	35	50	49	45	40	30	31	35	37	38	36	39	40	38	38	37	38	37	36	37	37	37	38	38
15	40	40	37	36	36	36	33	29	35	36	36	36	37	38	37	37	37	39	37	37	39	39	39	39	37
16	43	40	40	37	30	31	28	30	36	37	39	42	44	45	45	44	40	40	37	35	36	38	38	36	38
17	36	32	29	24	22	23	20	19	26	31	39	39	45	52	54	57	55	48	39	36	45	40	37	34	37
18	29	28	30	27	24	27	23	21	25	37	38	38	41	39	44	51	49	49	48	49	36	39	56	53	38
19	50	42	38	40	38	32	27	28	33	34	35	37	39	42	44	44	41	32	27	34	34	36	34	28	36
20	26	25	25	29	27	29	24	19	20	34	38	39	41	44	45	42	33	42	39	35	38	37	32	31	33
21	32	29	33	35	34	30	21	19	31	28	34	****	****	****	37	36	38	41	39	34	27	29	21	23	31
22	21	20	29	27	27	29	29	23	25	30	40	43	52	61	65	62	66	65	64	48	41	39	39	39	41
23	38	26	25	34	35	34	32	31	34	38	42	45	47	50	55	57	56	57	54	44	43	44	44	46	42
24	44	41	40	36	35	31	31	28	28	31	30	27	27	26	23	18	26	28	29	29	25	22	19	17	29
25	19	20	20	21	22	23	24	24	24	24	25	25	25	25	25	26	26	26	23	24	23	23	23	24	24
26	24	24	24	24	27	30	33	33	34	33	33	34	34	35	37	38	37	40	41	41	41	42	42	41	34
27	41	40	40	40	40	40	37	37	40	40	40	40	40	40	41	40	39	41	41	38	34	34	34	35	39
28	35	36	36	35	35	31	28	29	36	37	39	40	40	42	43	43	41	36	28	23	22	23	23	22	33
29	22	21	21	21	20	21	18	16	15	14	15	18	25	29	38	40	38	39	38	35	37	38	36	30	27
30	25	13	8	10	19	30	36	29	31	31	31	31	34	36	37	35	35	36	36	35	32	37	37	39	30
31	38	27	25	32	31	34	35	31	32	32	31	30	34	37	38	40	40	40	40	39	39	38	38	39	35
MEAN	32	30	30	31	31	30	29	26	29	31	33	34	37	39	39	40	39	39	37	35	34	34	33	33	33.4

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 3.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18001 MACKENZIE RR 2 TIVERTON MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	38	38	38	36	35	35	32	32	34	33	33	34	33	33	32	31	31	28	27	29	31	30	29	28	33
2	27	25	26	26	23	23	21	18	18	16	13	****	****	****	****	14	14	11	8	13	13	24	31	32	20
3	34	36	37	37	36	36	35	35	35	35	35	36	37	38	38	38	36	36	34	28	24	21	14	21	33
4	18	19	22	22	23	23	25	27	28	28	31	31	31	33	33	31	36	36	36	37	38	38	37	37	30
5	37	38	38	37	37	37	35	33	36	36	36	35	36	37	40	38	35	35	35	38	41	42	41	42	37
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	32	32	34	34	34	34	******
7	34	35	35	35	35	35	32	32	32	32	33	33	32	34	34	34	36	35	35	32	29	26	29	24	33
8	16	13	10	18	20	25	28	27	29	30	31	34	35	36	37	39	35	36	37	39	39	38	36	38	30
9	39	36	36	37	38	38	35	36	38	38	38	37	37	37	37	38	39	39	39	39	39	41	40	39	38
10	39	39	37	37	37	36	36	35	35	35	35	35	36	36	36	36	36	38	30	33	28	20	12	16	33
11	17	15	19	24	27	27	27	29	29	37	39	****	****	43	48	49	51	49	49	48	45	43	44	39	36
12	40	40	42	42	43	43	43	42	42	38	37	38	38	41	44	43	41	37	41	38	36	36	36	37	40
13	32	34	38	40	39	39	40	38	35	36	36	35	35	35	37	35	35	30	27	30	29	31	30	27	34
14	26	26	28	27	26	23	24	32	38	39	39	40	41	42	48	41	43	45	31	44	46	46	43	44	37
15	41	41	41	44	39	36	37	37	36	36	37	37	37	37	37	37	41	38	38	37	37	39	37	34	38
16	34	32	32	31	31	30	30	29	30	29	29	30	31	33	35	36	37	39	39	37	33	22	28	23	32
17	21	27	29	34	32	34	30	35	32	35	33	33	35	37	39	40	****	43	48	51	53	49	48	46	38
18	47	38	44	44	44	44	42	40	43	44	45	47	47	48	49	49	49	51	48	44	44	38	43	43	45
19	42	48	38	35	36	39	35	32	36	42	44	48	50	50	50	47	38	45	47	45	37	35	32	33	41
20	28	27	27	32	26	20	25	15	31	36	41	45	44	50	51	53	50	48	45	31	23	6	23	19	33
21	39	38	31	34	35	37	39	40	40	43	43	45	39	55	61	55	48	41	38	43	35	31	29	26	40
22	27	28	31	32	31	31	33	31	34	34	35	35	32	37	40	41	40	39	39	32	22	27	28	30	33
23	14	19	23	22	18	21	15	20	20	29	27	37	35	38	51	56	65	51	49	49	38	30	30	36	33
24	33	38	37	35	34	33	32	32	40	49	55	57	60	70	75	73	69	64	64	62	64	59	57	53	52
25	45	42	45	44	46	41	41	39	34	34	41	48	57	71	63	64	51	61	50	41	40	43	30	30	46
26	32	24	30	29	41	46	51	51	44	38	35	39	43	46	49	51	40	44	31	23	20	20	23	27	37
27	27	27	29	29	30	30	30	29	26	29	28	29	29	31	32	34	36	37	35	36	31	37	32	32	31
28	31	32	33	32	32	34	31	31	33	32	30	31	29	32	32	32	32	31	31	31	31	32	32	32	32
29	32	32	32	32	32	32	30	31	33	33	33	36	37	40	40	41	43	43	41	37	33	34	33	33	35
30	35	32	32	30	32	33	32	32	31	32	33	33	41	36	34	36	40	37	35	35	35	35	34	34	34
MEAN	32	32	32	33	33	33	33	32	34	35	35	38	38	41	43	42	41	40	38	37	35	34	33	33	35.7

PERCENTAGE OF DATA VALID - 96.7 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18001 MACKENZIE RR 2 TIVERTON MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	33	35	35	37	38	38	35	35	36	35	36	36	37	41	41	37	39	40	34	26	28	19	22	17	34
2	19	23	18	24	28	24	13	22	30	35	****	37	42	46	42	43	43	43	39	38	34	37	33	25	32
3	19	30	37	40	42	43	39	38	43	40	32	31	30	32	28	26	39	42	42	40	37	35	35	35	36
4	29	34	34	32	31	32	31	32	32	31	31	31	31	34	34	34	34	34	33	31	25	36	39	38	33
5	38	37	38	39	39	38	36	36	37	38	38	38	36	38	38	37	37	38	39	35	34	34	34	34	37
6	32	42	41	40	36	36	34	28	29	32	32	32	33	28	27	29	30	29	27	26	23	21	16	24	30
7	33	34	32	31	33	32	40	42	44	44	48	53	57	65	69	71	65	69	65	64	67	64	57	55	51
8	51	46	43	41	39	35	35	37	42	45	58	66	81	90	98	89	76	72	72	71	70	63	58	54	60
9	48	42	31	26	26	34	25	35	39	41	49	58	63	69	69	76	97	129	127	114	105	91	58	44	62
10	57	35	26	49	36	18	7	26	34	47	68	86	105	106	83	71	65	58	48	48	26	31	28	25	49
11	24	26	26	29	32	34	30	32	35	39	46	51	62	59	57	58	62	77	65	64	60	48	35	45	46
12	51	34	29	27	28	24	26	26	24	23	23	25	24	28	28	28	29	29	29	29	28	24	23	28	28
13	29	28	27	27	26	27	28	30	32	34	32	33	34	38	37	38	38	38	36	31	30	30	39	39	33
14	37	33	29	23	25	27	30	35	39	40	****	****	47	56	57	57	69	59	49	49	47	58	50	52	44
15	49	36	37	43	39	37	44	42	40	41	42	44	46	37	38	42	42	44	42	43	41	42	42	38	41
16	31	29	25	29	29	28	26	26	26	25	25	26	27	29	29	23	29	28	28	19	11	8	3	5	24
17	14	19	20	17	19	18	16	25	26	32	43	42	43	49	43	42	49	47	50	38	43	40	38	40	34
18	45	44	36	37	36	33	37	38	37	40	39	49	54	69	76	79	81	83	73	63	46	46	39	38	51
19	52	50	48	47	41	35	34	36	40	43	48	55	60	63	69	58	61	45	54	51	46	39	40	43	48
20	39	43	40	39	36	36	36	38	38	34	36	36	39	35	39	37	36	43	35	31	16	15	22	24	34
21	32	40	42	39	33	26	28	25	24	22	21	20	19	23	25	26	24	24	24	23	21	14	10	8	25
22	7	5	7	12	11	6	8	18	28	36	37	38	40	37	35	36	36	36	37	37	34	29	28	23	26
23	22	30	32	29	24	18	20	28	26	26	27	35	43	38	41	42	42	48	48	45	47	41	41	40	35
24	34	37	36	35	33	29	30	28	28	29	31	****	****	37	39	40	39	39	39	39	39	39	40	40	35
25	40	39	38	37	36	35	34	31	31	31	31	31	31	32	33	33	33	34	32	32	35	33	33	33	34
26	36	37	36	34	34	30	29	25	24	22	21	20	22	22	21	22	24	24	20	21	21	19	22	25	25
27	26	25	25	25	23	21	20	19	23	27	29	32	39	38	40	41	47	48	53	48	25	10	13	13	30
28	20	22	29	22	21	18	15	15	17	19	23	32	40	40	40	42	42	42	40	37	35	31	23	18	28
29	16	19	15	20	17	14	9	7	17	17	25	26	31	29	30	27	22	28	30	28	22	22	24	18	21
30	25	24	19	19	21	25	22	23	26	28	30	28	30	33	38	45	47	45	42	30	23	12	21	12	28
31	11	13	20	21	19	16	14	24	47	53	51	****	52	51	53	59	60	60	47	37	30	48	46	37	38
MEAN	32	32	31	31	30	28	27	29	32	34	36	39	43	45	45	45	46	48	45	42	37	35	33	31	36.5

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18001 MACKENZIE RR 2 TIVERTON MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	45	43	40	35	34	35	33	36	39	40	48	54	66	69	72	80	79	65	44	39	32	21	19	18	45
2	18	16	15	13	12	14	13	12	12	16	24	29	31	32	45	50	50	50	60	56	55	59	49	49	33
3	45	40	34	22	20	21	23	28	34	38	43	56	66	73	74	80	81	79	63	46	34	36	38	57	47
4	76	52	48	32	32	35	33	30	36	44	48	55	56	72	75	92	81	91	89	62	54	38	26	20	53
5	36	38	42	51	49	40	36	27	30	28	27	26	24	24	23	24	26	26	27	28	27	26	25	24	31
6	19	18	18	19	20	19	18	18	20	22	28	****	****	37	36	35	36	35	30	28	24	36	36	30	26
7	25	24	23	25	24	28	25	30	37	44	49	59	62	65	69	65	56	52	45	41	32	52	54	46	43
8	40	32	25	21	18	15	10	9	13	16	22	31	41	42	43	49	54	58	48	42	35	21	9	8	29
9	9	15	18	18	18	13	11	13	23	31	32	34	33	30	0	0	0	0	0	0	0	0	0	0	12
10	0	0	0	0	0	4	10	13	18	31	43	46	53	49	60	53	48	31	29	28	25	23	23	22	25
11	22	20	26	31	29	28	28	25	23	24	23	23	25	25	25	25	25	27	27	25	21	9	20	23	24
12	23	25	24	19	17	13	17	21	23	20	22	25	24	26	28	27	28	32	32	31	22	16	12	13	23
13	14	17	19	20	20	13	16	28	30	32	33	35	38	36	35	34	34	37	34	27	20	22	23	24	27
14	26	27	32	37	38	39	36	34	40	37	44	49	63	73	77	83	87	96	100	101	94	81	69	63	59
15	56	54	49	47	46	47	45	46	53	56	61	70	76	82	84	78	77	79	78	78	80	82	78	74	66
16	72	68	61	55	52	52	53	54	55	56	56	64	74	79	85	87	93	93	76	76	85	81	72	71	70
17	68	68	68	61	57	52	46	48	57	70	70	81	89	93	93	64	39	30	27	26	26	24	27	31	55
18	34	36	36	37	38	39	36	35	34	34	33	33	31	31	29	29	30	30	32	32	30	30	30	23	33
19	19	15	15	16	19	20	20	21	27	32	34	35	37	39	39	33	36	39	39	32	34	46	38	34	30
20	33	32	30	25	23	26	27	28	30	42	****	55	60	-	-	-	-	-	-	-	-	-	-	-	******
21	-	-	-	-	-	-	-	-	-	-	-	-	****	55	60	57	61	69	68	63	57	51	49	46	******
22	36	32	29	29	30	32	22	13	12	10	10	10	12	8	11	16	20	21	20	21	19	21	20	20	20
23	21	20	20	19	19	19	17	20	20	20	19	20	19	19	19	20	21	22	21	20	20	21	12	12	19
24	20	21	21	22	23	24	25	25	25	24	22	23	24	24	23	23	23	21	22	24	26	25	9	14	22
25	19	15	12	9	8	7	6	16	25	26	26	27	25	25	21	15	26	27	27	25	16	14	9	9	18
26	16	22	22	21	25	27	30	31	35	40	47	51	55	70	82	62	64	61	76	69	75	81	70	65	50
27	58	55	55	53	49	45	38	44	48	52	53	57	55	48	45	25	29	31	30	30	21	28	27	22	42
28	13	18	20	16	7	7	13	17	21	27	26	-	27	28	25	20	27	28	27	22	16	10	8	11	19
29	16	13	10	14	22	18	18	24	25	44	40	30	25	34	40	33	32	36	32	20	14	34	35	35	27
30	20	21	20	20	21	22	19	19	18	20	20	21	20	24	28	31	32	27	29	34	39	38	34	34	25
MEAN	31	30	29	27	27	26	25	26	30	34	36	41	43	45	46	44	45	45	42	39	36	35	32	31	35.1

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 3.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18001 MACKENZIE RR 2 TIVERTON MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	30	26	22	21	20	20	25	27	27	28	30	32	36	32	30	41	41	42	39	41	39	24	12	30
2	11	11	12	15	16	14	18	20	20	18	17	18	19	22	26	29	31	33	33	34	34	35	33	34	23
3	30	29	28	17	10	11	24	27	25	26	26	26	25	24	20	18	21	23	22	17	7	3	2	1	19
4	1	2	3	5	5	5	4	14	23	24	26	28	28	27	24	20	26	28	30	32	31	29	21	27	19
5	27	29	28	23	25	23	16	20	21	23	23	24	25	26	21	21	27	32	33	30	22	24	26	21	25
6	16	20	12	10	9	7	18	24	27	27	28	27	30	30	29	26	29	29	22	18	23	8	8	8	20
7	7	9	8	13	21	23	25	26	27	29	34	36	35	36	37	39	46	54	57	39	20	22	17	28	29
8	31	31	28	27	27	24	24	29	37	44	59	62	67	71	64	63	65	78	61	63	68	61	33	41	48
9	38	37	35	36	36	20	21	33	47	48	52	49	52	49	45	20	43	50	40	40	37	38	45	50	40
10	45	42	37	29	27	26	19	23	24	27	31	37	37	44	42	38	54	57	58	55	45	49	46	40	39
11	37	41	36	33	24	20	11	13	33	34	38	49	51	55	59	57	67	71	66	60	47	39	31	29	42
12	9	12	23	24	28	28	27	39	50	55	54	52	-	-	-	-	-	-	-	-	-	-	-	-	******
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	24	24	23	21	21	18	19	24	30	32	35	37	36	38	36	33	41	45	42	39	34	32	26	26	30.5

PERCENTAGE OF DATA VALID - 37.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 62.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18001 MACKENZIE RR 2 TIVERTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	25.2	34	36
FEB	28	30.9	38	57
MAR	30	33.4	42	66
APR	29	35.7	52	75
MAY	31	36.5	62	129
JUN	28	35.1	70	101
JUL	11	30.5	48	78
YEAR	183	32.8	70	129

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18001 MACKENZIE RR 2 TIVERTON

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	33	447	147	0	0	0	0	0	627
FEB	11	230	421	4	0	0	0	0	666
MAR	11	225	458	23	0	0	0	0	717
APR	3	150	507	36	0	0	0	0	696
MAY	14	252	379	77	10	4	2	0	738
JUN	39	322	184	120	26	1	0	0	692
JUL	22	142	81	31	0	0	0	0	276
YEAR	133	1768	2177	291	36	5	2	0	4412

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
86.7	0	18.1	26.4	31.4	35.9	47.0	56.6	70.3	79.6	129	32.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD, 2, LOT A TIVERTON MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- OATA UNAVAILABLE -													
7												- OATA UNAVAILABLE -													
8												- OATA UNAVAILABLE -													
9												- OATA UNAVAILABLE -													
10												- OATA UNAVAILABLE -													
11												- OATA UNAVAILABLE -													
12	-	-	-	-	-	-	-	-	-	-	-	-	****	67	62	57	68	69	67	49	27	27	10	0	******
13	3	8	10	14	19	12	7	14	42	41	48	52	51	46	47	48	50	48	38	29	10	11	12	13	28
14	16	19	21	15	25	32	27	36	46	46	61	77	88	87	88	93	112	128	142	128	105	111	84	61	69
15	59	54	39	27	30	27	25	27	31	31	38	46	55	63	65	59	63	61	66	61	36	33	26	30	44
16	25	17	8	23	20	21	17	25	28	26	26	26	28	24	19	19	21	17	19	19	18	17	16	16	21
17	16	10	11	17	20	15	13	18	20	21	22	22	22	22	21	19	25	22	21	21	19	16	3	2	17
18	2	2	3	2	4	2	4	13	21	20	21	24	24	27	25	27	30	32	28	15	7	6	4	5	15
19	10	20	22	24	23	21	21	35	50	57	52	58	66	66	66	56	65	65	61	54	45	49	48	47	45
20	54	59	59	53	45	42	46	57	60	62	60	61	61	56	51	52	53	52	49	37	10	6	7	15	46
21	19	33	37	38	36	42	44	53	68	77	87	94	108	110	109	107	114	101	103	111	59	79	90	98	76
22	90	76	68	61	55	45	47	58	67	79	89	94	101	104	102	110	107	106	102	64	47	48	34	54	75
23	67	76	82	83	66	50	41	76	74	82	85	86	97	92	90	90	101	99	114	101	87	87	71	59	82
24	61	61	62	64	57	45	38	43	47	54	57	65	76	67	56	61	70	58	57	68	52	42	27	18	54
25	19	15	18	19	18	16	17	19	20	19	21	18	20	28	26	28	30	32	31	26	22	20	17	21	22
26	26	20	22	13	13	13	12	12	13	13	13	14	17	18	17	14	24	24	26	23	12	5	4	3	15
27	4	17	20	22	15	7	18	21	22	24	23	25	29	28	****	27	28	27	26	22	28	41	35	37	24
28	42	44	49	68	57	50	48	44	38	34	28	28	32	34	38	36	34	31	29	25	7	6	4	7	34
29	6	8	14	15	14	9	10	23	26	29	32	35	40	40	40	42	43	43	37	24	18	14	7	6	24
30	7	11	12	12	11	3	3	24	29	34	****	****	****	****	54	54	****	****	****	****	****	****	****	****	******
31	****	45	38	****	****	24	25	29	36	42	46	53	55	48	42	****	****	50	47	****	39	****	15	12	38
MEAN	29	31	31	32	29	25	24	33	39	42	45	49	54	54	54	53	58	56	56	49	34	34	27	27	40.1

PERCENTAGE OF DATA VALIO - 60.1 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 37.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RD, 2, LOT A TIVERTON MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	7	19	****	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
2												- DATA UNAVAILABLE -													
3												- OATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- OATA INVALID -													
9												- OATA INVALID -													
10												- OATA INVALID -													
11												- DATA INVALIO -													
12												- OATA INVALID -													
13												- DATA INVALIO -													
14												- DATA INVALIO -													
15												- DATA INVALID -													
16	****	****	****	****	****	****	****	****	****	****	****	18	17	19	19	14	21	20	15	3	3	2	2	2	******
17	4	11	12	16	18	18	17	20	24	27	24	32	37	36	33	32	37	40	31	37	32	33	31	29	26
18	27	26	26	25	25	25	22	23	26	26	23	24	26	26	28	30	34	36	33	25	25	26	25	27	27
19	26	20	17	15	16	16	19	23	25	26	25	26	30	32	32	29	34	35	30	28	21	14	7	8	23
20	7	3	3	7	9	9	3	5	16	24	25	26	27	30	29	19	29	31	29	26	26	22	17	13	18
21	12	14	14	10	6	4	3	10	17	18	21	24	19	19	16	13	16	17	15	11	8	8	6	9	13
22	8	10	10	9	9	6	4	4	13	27	34	34	38	39	43	48	48	48	41	39	40	47	37	26	28
23	19	21	23	25	23	18	14	12	10	13	19	27	46	41	37	33	30	29	29	29	31	29	29	28	26
24	27	25	22	17	14	14	10	11	14	****	26	29	42	50	60	60	62	64	58	45	41	41	38	37	35
25	35	31	30	30	29	26	24	20	20	24	27	31	33	34	35	32	33	32	27	17	9	9	4	3	25
26	5	10	14	11	13	5	3	12	27	29	30	30	30	30	30	30	30	29	25	23	19	15	11	7	20
27	12	19	23	26	35	32	26	25	35	38	40	42	51	57	72	45	49	51	38	31	53	48	37	41	39
28	31	38	27	26	22	19	17	17	22	31	31	36	45	48	43	38	46	44	31	23	27	31	31	31	31
29	36	34	35	36	34	32	32	29	28	31	27	28	33	38	42	45	53	49	42	44	44	41	38	37	37
30	34	33	31	28	25	21	16	26	34	37	38	38	38	31	29	24	33	30	27	27	24	24	16	3	28
31	0	0	3	3	3	4	0	2	12	17	23	25	25	24	19	24	28	30	15	13	16	19	20	27	15
MEAN	18	19	19	19	19	17	14	16	22	26	28	29	34	35	35	32	36	37	30	26	26	26	22	21	25.3

PERCENTAGE OF OATA VALIO - 50.4 PERCENTAGE OF DATA INVALID - 42.2 PERCENTAGE OF OATA UNAVAILABLE - 7.4

NOTES 1. "*****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RO. 2. LOT A TIVERTON MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	36	36	36	38	39	42	38	37	39	58	66	69	74	84	108	108	89	74	74	77	72	72	69	62	62
2	48	39	30	28	26	25	24	23	24	25	26	28	31	40	51	59	63	61	56	53	48	45	36	28	38
3	26	28	24	22	22	15	13	14	15	16	14	13	11	12	13	15	16	16	17	17	17	11	7	7	16
4	6	6	6	5	6	5	4	10	16	18	19	23	24	24	24	13	24	23	16	6	6	9	10	8	13
5	11	16	19	18	19	22	24	26	29	36	41	42	52	54	55	46	51	54	31	23	22	22	15	13	31
6	26	36	31	28	14	5	6	24	47	49	****	51	48	57	48	36	37	36	28	28	31	30	25	21	32
7	24	24	18	16	16	16	15	15	17	17	16	17	17	17	20	21	23	22	20	19	20	20	15	13	18
8	13	10	14	16	16	16	17	16	18	19	21	23	24	24	22	22	22	23	17	6	10	6	6	7	16
9	11	11	12	12	13	12	13	19	19	23	25	33	37	38	40	41	39	37	37	39	35	32	31	29	27
10	30	30	32	36	36	30	27	28	32	34	31	30	30	28	24	14	17	17	19	15	15	16	17	18	25
11	16	13	14	16	11	6	3	9	17	18	20	21	25	24	21	18	20	21	12	6	10	13	15	23	16
12	24	24	20	16	15	15	16	16	20	25	29	35	39	40	36	32	54	56	36	30	46	40	36	39	31
13	42	41	39	39	40	32	26	27	31	37	39	44	49	52	55	36	51	35	31	29	28	27	21	21	36
14	25	23	22	21	22	20	17	18	18	18	17	16	15	14	13	15	18	21	17	16	15	15	16	18	18
15	20	21	23	24	25	23	17	20	22	23	23	24	27	30	29	28	31	32	28	31	32	29	12	6	24
16	10	9	6	7	8	9	12	17	22	29	30	32	36	39	43	44	46	50	46	33	53	54	49	43	30
17	35	29	25	22	20	19	17	22	32	40	47	53	58	62	65	60	82	99	86	70	55	51	46	45	48
18	40	37	39	42	42	42	38	38	39	36	35	37	****	****	37	25	25	****	****	****	****	****	****	****	******
19	****	****	****	****	****	****	****	****	****	26	25	25	27	26	21	21	26	25	12	3	16	15	14	19	******
20	22	22	22	22	23	22	23	25	26	27	29	34	38	45	51	46	56	59	53	41	42	35	33	29	34
21	31	29	25	24	25	28	29	24	22	22	22	22	23	20	21	20	24	24	22	22	22	22	21	21	24
22	23	21	20	20	20	19	17	17	18	19	21	22	24	24	24	24	25	24	12	5	5	6	4	3	17
23	9	11	7	10	10	8	6	7	20	21	22	22	25	25	23	26	27	27	21	18	19	18	13	17	17
24	17	14	16	17	13	8	14	18	20	21	24	27	30	37	37	34	38	35	29	32	35	37	35	33	26
25	34	31	30	34	31	29	14	15	32	39	46	54	60	61	64	52	67	59	50	37	37	39	37	33	41
26	37	36	32	21	12	7	2	6	26	30	34	36	36	39	36	28	36	28	11	5	13	11	19	25	24
27	25	28	22	17	14	12	11	16	26	38	47	****	****	62	87	83	96	81	58	51	44	42	44	48	43
28	45	42	40	37	35	32	28	24	25	29	37	43	48	40	32	26	39	36	33	30	28	29	27	18	33
29	18	17	15	18	20	18	18	19	22	28	35	41	45	50	57	54	73	62	57	56	58	42	40	45	38
30	47	47	49	49	46	42	36	38	37	34	37	40	44	44	36	38	38	36	16	12	9	12	6	9	33
MEAN	26	25	24	23	22	20	18	20	25	29	30	33	36	38	40	36	42	40	33	28	29	28	25	24	28.9

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF DATA INVALID - 2.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RO. 2. LOT A TIVERTON MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	12	8	10	9	8	3	10	20	23	27	28	30	30	25	21	30	27	24	27	25	20	18	17	19
2	16	16	16	18	15	11	8	8	8	11	16	21	24	25	****	15	17	18	18	21	23	21	17	20	17
3	21	19	19	24	21	10	9	8	15	19	22	19	20	21	19	17	26	25	22	27	29	31	29	33	21
4	32	24	23	23	22	20	11	15	14	16	25	25	26	28	25	6	18	18	15	18	16	6	3	0	18
5	11	11	28	23	19	16	22	28	22	17	12	24	24	22	20	22	26	23	23	26	28	31	34	34	23
6	28	24	21	16	12	11	11	14	16	17	19	21	24	20	11	17	20	17	13	11	8	7	5	13	16
7	30	27	20	18	18	17	15	16	16	16	16	16	22	22	21	22	23	24	25	26	27	26	24	25	21
8	27	27	27	26	25	23	13	14	18	22	23	21	20	18	15	14	16	14	11	10	12	12	17	12	18
9	19	24	24	24	25	25	25	25	25	25	25	25	28	28	23	24	31	31	27	31	29	28	24	28	26
10	22	22	19	21	22	23	23	19	****	****	22	22	22	22	24	15	20	22	18	21	22	20	21	23	21
11	23	22	20	20	17	20	19	13	13	15	22	23	23	24	20	22	23	23	21	18	17	17	17	17	20
12	19	17	13	14	18	22	19	21	22	21	19	21	22	22	24	20	23	24	21	26	25	24	23	20	21
13	20	18	19	17	18	18	20	19	21	21	20	19	20	22	22	24	26	26	26	26	25	24	22	23	22
14	25	25	25	26	28	28	22	27	27	27	27	27	29	30	30	30	29	28	29	29	29	28	26	27	27
15	31	32	32	33	32	30	23	22	23	23	23	24	24	24	26	23	32	30	22	23	25	20	12	6	25
16	8	11	15	13	14	11	8	12	13	15	18	22	27	29	31	33	30	18	9	18	16	13	11	10	17
17	12	16	14	12	10	9	7	5	5	6	11	****	15	18	18	16	24	25	23	16	24	18	13	9	14
18	10	13	13	13	13	12	3	2	11	15	16	19	22	22	22	15	22	21	18	13	13	10	11	14	14
19	19	20	24	26	27	20	16	14	14	20	24	36	43	45	47	46	42	38	34	32	30	32	29	21	29
20	22	21	21	20	19	17	11	15	20	23	24	26	27	28	30	31	34	35	36	34	35	34	31	29	26
21	27	25	22	21	20	19	19	19	20	20	21	25	31	34	38	39	41	51	43	29	27	23	23	21	27
22	17	18	19	15	15	13	12	10	12	13	22	28	33	34	36	36	41	41	45	45	38	34	27	25	26
23	25	21	23	26	28	26	19	14	13	10	7	5	6	6	7	8	10	12	14	16	16	15	15	15	15
24	16	16	16	16	15	12	7	8	14	14	16	16	17	18	19	18	20	24	23	22	23	24	24	24	18
25	25	28	28	28	28	24	18	20	24	27	26	25	25	25	23	21	27	29	29	29	25	25	24	25	25
26	26	27	28	28	28	24	15	19	22	21	20	21	21	19	22	17	24	21	22	23	22	25	24	25	23
27	22	16	15	15	13	18	21	20	17	17	15	16	18	18	18	19	18	19	21	21	19	17	15	12	18
28	10	9	9	10	10	11	12	12	12	14	16	17	18	18	18	15	14	17	19	24	23	21	19	18	15
29	19	19	19	19	20	20	17	13	17	21	23	18	18	21	21	15	11	10	13	11	7	14	13	10	16
30	14	14	18	20	21	21	17	10	20	24	24	****	25	23	20	23	15	8	6	7	8	9	9	9	16
31	10	11	13	13	14	15	16	16	17	19	20	24	27	30	34	36	34	29	29	29	30	30	25	22	23
MEAN	20	20	20	20	19	18	15	15	17	18	20	22	24	24	24	22	25	24	23	23	22	21	20	19	20.5

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RO, 2, LOT A TIVERTON MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	24	23	23	24	27	29	30	26	26	25	26	28	28	27	24	22	17	17	20	20	20	18	18	24
2	20	20	21	22	23	23	22	22	23	23	23	24	23	23	22	21	19	20	23	23	24	23	24	24	22
3	22	23	24	24	24	23	22	22	22	22	21	20	18	18	22	26	27	26	26	23	25	24	24	23	23
4	22	22	21	23	23	24	24	20	24	24	24	24	26	26	26	27	28	28	22	21	19	21	20	19	23
5	14	12	13	14	14	14	13	13	15	15	15	16	23	24	25	26	20	10	11	10	10	10	9	9	15
6	10	3	7	9	8	6	5	2	3	3	4	5	5	5	6	6	3	5	6	5	8	12	14	16	7
7	19	21	23	26	27	27	22	15	21	26	26	26	25	26	26	25	21	21	23	24	23	22	23	22	23
8	17	16	16	16	15	12	12	13	14	16	16	17	22	26	28	28	24	24	24	23	23	24	25	25	20
9	23	20	24	18	12	12	10	14	13	16	14	12	8	9	8	9	9	5	3	6	6	8	8	8	11
10	9	7	17	19	23	29	26	20	23	25	26	25	27	27	27	27	23	24	25	26	26	23	19	13	22
11	14	16	21	22	21	21	20	20	22	25	26	27	29	28	28	25	26	27	28	29	28	29	29	24	24
12	24	24	22	18	18	18	18	18	19	22	25	27	27	27	27	27	25	21	20	13	13	18	14	10	21
13	11	14	18	15	12	8	10	12	13	15	17	19	****	23	23	17	9	20	18	15	20	20	25	26	17
14	26	25	25	25	23	23	24	12	22	23	23	23	24	24	28	23	21	28	25	15	8	11	16	24	22
15	25	22	20	18	15	13	14	10	6	6	3	4	10	10	11	13	13	23	23	23	24	25	25	25	16
16	28	28	28	28	28	28	24	9	20	28	27	26	29	26	26	25	23	23	23	23	22	20	15	11	24
17	12	12	13	10	10	10	8	10	12	14	16	18	21	25	27	27	27	11	9	7	8	9	12	9	14
18	14	19	13	15	10	8	7	4	5	6	10	17	25	28	31	35	31	18	17	26	21	16	14	14	17
19	17	21	23	25	23	24	22	18	21	21	27	35	43	46	44	45	47	50	49	40	36	38	29	27	32
20	23	19	17	17	15	13	12	8	12	12	14	14	19	18	19	12	12	15	19	17	18	18	19	17	16
21	20	19	18	17	16	17	17	14	9	11	15	15	13	9	9	10	9	16	15	12	10	11	13	15	14
22	15	14	14	22	18	21	23	18	15	15	15	15	19	22	20	19	18	24	32	23	19	18	19	22	19
23	19	22	28	27	22	23	23	25	21	22	24	20	21	16	18	18	15	18	17	17	15	16	18	22	20
24	20	19	16	15	15	15	12	13	17	15	18	22	26	26	28	27	22	17	15	16	13	15	15	15	18
25	17	17	16	15	13	11	11	10	9	7	8	9	15	17	15	12	12	10	9	9	10	13	13	10	12
26	14	14	14	14	19	18	19	23	28	24	22	15	18	17	19	18	17	19	19	24	26	23	21	19	19
27	19	19	17	18	21	20	19	19	22	23	18	19	22	20	20	20	25	28	26	25	25	25	21	18	21
28	19	16	18	19	22	22	22	18	20	20	20	20	21	****	****	22	21	22	19	19	18	17	16	16	19
29	18	18	18	18	18	17	17	16	17	18	18	18	19	19	19	19	20	20	20	21	21	23	26	26	19
30	26	26	24	23	24	25	26	26	24	25	26	25	24	25	****	17	17	24	23	23	23	22	23	24	24
MEAN	19	18	19	19	19	18	18	16	17	18	19	19	22	22	22	22	20	20	20	19	19	19	19	18	19.3

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RO, 2, LOT A TIVERTON MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	23	24	23	23	22	22	19	14	14	18	18	19	20	20	19	18	18	17	18	19	21	22	22	20
2	23	23	23	24	25	26	23	22	20	26	27	28	27	28	28	25	25	27	27	28	27	25	25	25	25
3	26	25	23	22	15	19	20	22	24	24	23	24	24	25	20	17	17	10	17	16	17	13	13	12	20
4	13	13	13	15	18	19	19	21	23	23	24	22	23	23	24	23	20	23	24	23	22	21	21	18	20
5	16	8	4	5	6	7	8	10	8	7	9	10	13	15	17	17	16	16	15	11	10	10	11	10	11
6	7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12	****	****	****	****	****	****	****	****	****	****	****	****	20	20	18	16	15	19	20	20	19	20	21	21	******
13	22	21	21	20	20	18	16	15	13	17	17	17	18	18	19	14	9	15	19	18	17	24	25	18	18
14	20	18	13	13	16	17	18	14	17	18	19	19	****	****	****	23	16	19	19	20	19	19	20	21	18
15	18	16	15	15	14	10	9	7	7	11	13	14	19	19	19	16	15	13	10	8	2	2	1	****	12
16	0	2	4	6	6	6	11	16	20	21	21	20	22	22	22	23	23	23	23	24	26	26	28	28	18
17	27	27	27	26	25	26	26	25	22	23	25	24	27	27	27	27	25	27	26	26	26	25	26	25	26
18	26	25	25	24	24	23	21	21	20	21	21	23	23	23	22	20	14	20	20	16	14	13	10	9	20
19	5	5	5	5	7	8	8	8	7	8	9	11	14	14	15	13	10	13	15	16	16	15	15	13	11
20	14	15	14	14	12	13	12	8	7	8	10	****	13	13	11	10	5	0	0	0	0	0	0	0	8
21	0	0	0	0	0	0	1	2	2	7	10	11	14	15	16	12	9	5	4	3	3	3	3	3	5
22	6	8	8	9	9	9	10	11	11	12	11	11	10	10	9	8	7	7	8	8	9	9	8	8	9
23	9	9	8	9	9	9	8	8	8	9	9	7	8	8	9	9	8	7	7	6	6	5	0	0	7
24	0	0	2	4	4	6	7	9	9	9	10	10	12	11	10	9	7	6	5	4	5	5	6	7	7
25	8	8	8	7	8	10	11	13	14	15	15	16	18	17	18	19	19	20	21	20	21	22	22	22	16
26	22	22	23	23	23	23	22	20	18	20	21	22	23	22	22	20	20	20	22	22	21	23	22	22	22
27	25	23	****	****	23	23	21	21	22	25	22	25	24	24	22	23	19	23	23	24	22	23	23	23	23
28	23	23	24	23	25	26	23	22	20	23	24	23	23	23	23	21	19	21	22	23	20	23	23	22	23
29	22	22	23	22	23	23	21	21	21	21	21	21	22	22	23	22	20	21	19	20	20	22	21	18	21
30	20	21	22	20	20	21	21	18	20	20	21	21	23	23	22	19	19	22	23	19	21	22	23	20	21
31	16	22	21	14	9	9	8	10	19	24	23	24	26	26	25	22	17	22	22	22	19	17	15	13	19
MEAN	16	16	15	15	15	16	15	15	15	17	18	18	19	20	19	18	16	17	17	17	16	16	16	16	16.5

PERCENTAGE OF DATA VALID - 78.2 PERCENTAGE OF DATA INVALID - 21.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RO, 2, LOT A TIVERTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN		DATA UNAVAILABLE		
JUL	18	40.1	82	142
AUG	15	25.3	39	72
SEP	28	28.9	62	108
OCT	31	20.5	29	51
NOV	30	19.3	32	50
DEC	24	16.5	26	28
YEAR	146	24.2	82	142

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SW NO 18007 CONCESSION RO, 2, LOT A TIVERTON

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN		DATA UNAVAILABLE							
FEB		DATA UNAVAILABLE							
MAR		DATA UNAVAILABLE							
APR		DATA UNAVAILABLE							
MAY		DATA UNAVAILABLE							
JUN		DATA UNAVAILABLE							
JUL	44	174	90	91	24	21	3	0	447
AUG	55	198	111	11	0	0	0	0	375
SEP	56	379	193	60	9	2	0	0	699
OCT	65	619	54	1	0	0	0	0	739
NOV	89	612	15	0	0	0	0	0	716
DEC	153	429	0	0	0	0	0	0	582
YEAR	462	2411	463	163	33	23	3	0	3558

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
80.6	0	8.7	16.4	21.2	25.4	41.2	54.2	73.2	89.9	142	24.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	19	17	4	0	0	0	2	6	9	9	9	11	10	9	****	6	6	8	11	13	13	15	15	9
2	18	19	19	19	18	18	17	17	****	15	16	16	16	16	15	13	13	11	9	9	-	-	-	9	15
3	****	****	4	4	3	3	3	2	3	3	4	4	4	9	24	24	25	24	24	24	23	20	20	22	13
4	22	21	20	19	22	24	25	25	23	22	24	24	24	23	24	21	18	16	17	16	15	18	21	23	21
5	24	26	27	27	27	26	25	15	12	19	25	24	24	23	23	20	46	****	69	34	18	16	****	11	26
6	9	8	7	7	7	6	5	1	9	19	20	21	22	26	26	26	26	26	26	25	25	25	28	23	18
7	23	21	18	14	9	5	6	7	10	12	15	20	21	21	20	20	19	14	9	8	9	16	17	18	15
8	17	17	15	15	19	23	18	18	19	26	26	27	26	27	28	26	24	18	17	13	12	13	14	16	20
9	15	14	21	25	24	21	21	20	22	22	20	22	23	23	23	21	18	15	14	13	13	14	11	10	19
10	10	9	8	10	7	9	9	6	8	19	24	24	23	****	30	30	26	20	24	27	21	21	****	19	17
11	17	12	6	15	17	24	18	9	7	16	20	29	31	33	32	27	17	11	8	-	-	13	14	13	18
12	12	17	20	21	18	17	13	11	12	16	20	23	26	26	27	24	17	7	-	-	9	9	9	6	16
13	3	1	0	0	0	0	0	2	10	12	15	15	16	16	13	14	8	2	2	2	2	4	****	9	6
14	8	7	5	3	3	1	0	2	19	22	23	24	26	31	32	30	30	29	31	31	30	30	29	28	20
15	29	27	29	29	27	23	25	20	18	21	21	23	25	26	26	25	24	25	25	25	23	22	18	9	24
16	8	12	15	13	12	10	10	9	11	16	21	24	28	30	32	32	28	17	19	15	3	4	19	20	17
17	18	17	17	18	8	4	6	7	7	11	14	13	12	13	10	10	8	14	23	24	25	25	26	27	15
18	27	26	26	25	24	25	25	25	26	26	-	-	31	34	34	34	32	28	28	25	22	19	16	16	26
19	20	20	19	18	14	4	1	3	8	11	13	19	-	27	26	25	22	12	9	17	13	11	11	10	14
20	11	16	9	8	7	7	5	4	6	9	11	12	13	12	13	11	11	10	11	7	0	0	0	2	8
21	0	0	0	0	0	0	0	3	9	14	17	20	20	22	23	22	18	16	19	24	25	22	19	18	13
22	19	21	24	25	22	-	24	30	26	25	28	30	31	34	34	34	34	****	28	27	29	32	29	26	28
23	20	21	26	27	27	24	22	17	16	24	25	29	30	30	25	34	33	29	19	17	14	11	14	15	23
24	18	21	21	17	17	17	17	13	11	-	****	23	18	20	18	16	18	18	17	15	18	23	22	20	18
25	18	12	13	16	13	17	19	19	21	24	25	29	32	33	28	27	24	31	31	30	30	29	29	28	24
26	28	27	27	27	27	27	25	26	25	26	27	29	35	29	28	28	28	26	26	26	24	25	26	25	27
27	25	25	25	25	25	22	24	25	24	24	24	24	25	25	26	23	21	19	17	12	2	8	18	15	21
28	13	9	6	10	15	17	18	19	20	20	22	23	23	26	25	24	23	23	23	24	25	25	26	26	20
29	26	26	26	27	27	27	28	27	27	27	28	27	28	28	28	28	29	29	29	29	31	31	32	32	28
30	33	32	32	31	31	31	32	32	31	31	32	32	32	32	32	33	32	-	31	29	31	30	29	29	31
31	28	27	23	21	22	20	21	25	31	30	31	31	32	33	34	33	32	31	36	31	30	30	30	30	29
MEAN	18	18	17	17	16	15	15	14	16	19	21	22	24	25	25	25	23	19	22	20	18	19	20	18	19.3

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	30	29	29	29	30	30	30	30	31	31	31	31	32	33	****	32	31	30	30	30	30	31	31	30
2	-	-	-	-	-	-	-	****	27	29	32	33	36	34	35	35	34	30	31	25	26	25	20	26	30
3	20	15	16	13	10	7	3	2	9	16	19	24	27	32	31	28	30	26	21	14	17	19	25	25	19
4	22	18	14	12	8	8	15	35	34	37	35	36	37	39	40	41	40	37	38	34	32	30	29	27	29
5	27	25	24	24	25	25	24	23	23	24	24	26	26	28	28	29	-	26	27	26	22	17	19	18	24
6	18	19	14	12	10	7	3	3	8	16	21	25	29	31	30	30	30	22	19	21	24	28	24	23	19
7	17	9	2	1	2	5	7	10	14	17	17	22	23	21	18	14	14	17	20	19	15	2	19	38	14
8	30	24	27	27	23	24	23	22	22	24	26	28	28	30	31	32	31	30	29	27	28	28	28	29	27
9	27	27	27	27	27	26	25	26	27	28	29	31	32	33	34	34	32	30	27	4	3	7	18	19	25
10	17	20	26	15	14	14	10	9	16	22	28	31	32	33	35	34	35	33	33	32	30	29	28	27	25
11	26	25	25	27	28	27	21	14	22	25	28	28	26	26	27	21	15	9	10	14	18	23	24	23	22
12	24	24	23	21	19	18	20	23	23	22	26	28	30	19	17	13	15	14	2	0	0	12	28	27	19
13	28	27	27	26	25	23	23	24	25	26	27	29	27	56	33	34	35	34	****	26	26	28	26	25	29
14	24	22	18	20	19	14	11	5	11	18	24	29	25	29	27	28	27	18	5	9	15	12	13	19	18
15	21	19	21	28	28	27	30	23	27	28	30	31	32	32	32	34	33	31	-	31	31	32	33	33	29
16	31	30	30	30	20	17	26	29	29	30	31	32	34	36	36	36	34	31	30	28	27	-	31	30	30
17	29	31	31	33	31	31	30	30	30	31	32	33	34	34	35	35	34	25	13	14	13	12	11	18	27
18	11	0	0	0	0	2	1	-	21	23	27	29	31	34	33	36	33	32	29	28	-	24	22	****	20
19	17	16	11	13	13	13	13	13	16	20	26	32	34	37	39	42	46	38	29	30	33	19	19	27	25
20	36	38	39	38	28	11	3	11	20	29	33	36	40	44	47	48	48	42	37	31	25	18	13	7	30
21	6	2	0	0	0	0	0	4	12	21	25	24	26	26	25	24	23	24	27	29	34	37	44	51	19
22	50	47	49	48	48	49	48	46	46	47	49	50	51	52	59	57	54	48	50	48	29	23	22	23	46
23	25	24	24	21	22	23	30	21	35	36	33	32	29	28	30	30	26	21	17	16	17	13	8	9	24
24	13	9	1	10	20	24	25	25	25	27	30	33	36	41	44	45	42	39	35	37	34	32	30	27	29
25	24	19	17	14	15	15	16	17	19	22	29	29	29	30	31	33	33	33	34	34	35	35	35	34	26
26	33	33	32	31	31	30	30	30	24	26	31	32	33	34	35	35	34	****	26	26	27	27	24	24	30
27	28	32	29	29	31	31	30	30	30	32	33	37	39	42	43	43	42	43	39	34	29	28	29	31	34
28	31	32	32	27	22	12	17	14	22	29	36	40	46	48	54	49	43	33	29	35	37	23	28	42	33
MEAN	25	23	22	21	20	19	19	20	23	26	29	31	32	34	34	34	33	30	26	25	24	23	24	26	26.1

PERCENTAGE OF DATA VALID - 97.5 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 1.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	59	51	32	10	5	12	14	15	15	22	26	27	26	20	17	16	13	11	9	4	13	12	9	2	18
2	3	7	7	20	30	29	32	32	29	32	28	26	32	29	39	37	36	-	****	25	31	30	29	31	27
3	27	23	19	17	15	14	12	14	18	22	28	32	37	45	51	56	58	57	54	46	40	38	36	35	33
4	32	35	37	37	37	37	38	38	39	38	40	38	38	38	38	37	34	32	31	30	30	27	24	21	34
5	24	22	19	18	18	17	22	24	27	29	29	27	27	27	28	29	33	32	31	28	28	25	26	26	26
6	28	28	28	29	27	27	25	23	17	16	17	22	27	29	30	26	30	32	31	31	28	26	20	20	26
7	-	****	25	26	25	19	23	20	22	25	27	31	38	26	21	42	47	41	41	39	38	39	38	36	31
8	33	28	26	25	24	22	23	7	12	23	29	37	41	42	34	41	41	29	25	28	30	29	27	20	28
9	16	14	13	9	7	8	9	10	10	22	32	37	41	27	43	38	36	28	18	20	11	20	30	23	22
10	18	15	12	11	9	10	12	14	14	15	18	21	27	29	31	29	26	23	24	25	24	24	22	22	20
11	22	22	22	21	21	22	23	24	24	23	24	25	25	23	24	24	22	21	21	19	26	19	19	19	22
12	20	21	23	25	27	30	30	30	29	29	30	32	33	****	33	33	33	33	32	30	29	28	-	27	29
13	23	19	20	19	16	16	12	12	13	14	17	19	22	29	34	38	37	42	39	41	41	39	39	35	27
14	37	39	38	37	37	37	34	29	27	31	33	35	35	37	37	36	34	36	36	36	36	36	34	35	35
15	36	36	35	35	35	34	34	32	33	35	35	37	37	38	38	38	37	35	33	32	19	20	25	24	33
16	29	31	27	27	21	-	16	22	23	25	30	35	38	37	33	32	30	28	29	29	30	30	29	25	29
17	22	21	20	19	17	13	12	14	19	26	31	37	42	45	48	50	48	45	43	40	35	24	25	24	30
18	17	8	0	0	0	0	1	4	6	10	15	31	38	46	52	65	78	73	68	74	64	53	42	38	33
19	29	30	28	27	28	28	32	34	35	35	36	37	37	38	39	32	40	38	37	36	36	34	34	32	34
20	21	28	28	27	29	31	27	24	33	35	38	40	25	22	40	41	41	-	****	19	7	****	19	14	28
21	17	22	10	5	0	0	1	7	18	24	31	40	39	41	42	40	48	43	27	42	36	25	19	12	25
22	20	7	1	3	5	1	4	7	16	29	34	42	46	52	52	53	58	60	45	39	41	38	39	34	30
23	28	25	21	19	20	23	23	27	36	48	52	58	62	64	67	64	58	55	55	59	52	46	45	41	44
24	38	36	34	33	33	32	30	30	31	33	35	39	37	40	47	44	31	31	32	25	26	29	25	22	33
25	16	15	16	18	18	17	17	17	19	21	23	25	27	28	29	30	31	29	26	25	22	19	17	17	22
26	20	21	23	23	24	26	25	26	26	28	29	30	30	32	34	35	17	35	36	35	34	34	33	30	29
27	30	35	36	37	36	35	33	34	36	37	38	38	38	39	40	39	38	38	38	36	35	33	30	26	36
28	16	18	18	23	36	26	17	18	33	36	40	39	40	42	44	43	40	33	30	35	34	28	27	26	31
29	26	29	30	30	****	34	34	34	33	34	33	38	39	39	36	31	16	13	7	11	13	13	8	20	26
30	26	31	42	40	38	36	34	36	-	33	31	35	37	38	38	40	43	40	34	32	38	41	38	40	37
31	41	38	38	37	35	34	31	30	26	23	24	29	29	33	32	33	31	29	27	26	27	28	29	32	31
MEAN	26	25	23	23	22	22	22	22	24	28	30	34	35	36	38	38	38	36	33	32	31	30	28	26	29.2

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	33	31	31	29	27	22	31	34	34	34	33	33	32	31	30	29	28	27	27	25	23	23	24	25	29
2	23	22	22	23	22	21	19	16	13	10	13	28	****	****	27	28	****	19	19	28	22	16	12	26	20
3	28	28	28	29	30	33	34	33	32	31	38	37	39	40	41	41	41	40	31	29	16	14	14	21	31
4	24	21	25	27	21	9	9	20	26	26	25	26	27	26	****	29	28	30	27	23	21	21	13	15	23
5	23	23	29	32	33	****	35	34	-	-	****	36	34	33	38	38	42	38	35	34	37	39	40	39	35
6	37	46	43	35	32	34	33	31	30	30	****	30	31	32	33	34	33	33	34	34	34	34	33	34	34
7	34	33	34	34	34	33	34	34	34	34	34	35	36	37	36	37	36	36	36	35	33	30	32	30	34
8	27	23	21	24	20	21	23	27	27	16	17	25	26	33	34	36	35	31	30	28	27	29	29	33	27
9	35	36	37	40	40	40	39	38	39	35	30	35	41	44	45	45	43	40	39	37	37	34	33	33	38
10	33	34	35	36	36	35	35	34	35	37	42	47	51	50	50	50	48	45	41	39	34	30	24	28	39
11	24	22	22	21	18	15	15	22	27	32	36	43	54	54	46	44	43	43	41	42	42	39	33	31	34
12	33	33	32	31	32	33	37	35	32	32	31	32	33	34	33	24	30	30	29	27	27	27	26	23	31
13	17	13	21	29	31	30	29	28	26	28	30	34	34	30	30	25	30	31	34	33	33	32	31	29	29
14	28	28	29	31	30	47	45	43	****	39	41	41	45	47	48	54	53	54	51	49	46	43	39	34	42
15	33	35	35	36	36	35	35	33	33	32	33	34	37	38	37	39	39	37	38	35	32	32	33	32	35
16	32	33	31	29	28	27	25	24	23	24	27	27	30	31	33	34	37	****	37	34	****	30	26	23	29
17	22	22	21	22	23	24	23	24	32	34	34	39	41	-	-	39	39	38	36	35	33	31	29	27	30
18	25	25	28	27	28	26	48	32	36	40	35	****	****	****	****	47	46	45	43	37	30	29	28	28	34
19	29	31	31	29	28	26	27	29	35	42	43	43	48	48	48	46	43	43	39	32	28	24	20	21	35
20	24	15	10	6	10	13	14	16	21	****	36	37	41	45	45	44	31	23	25	31	27	25	29	19	26
21	33	33	44	41	37	30	29	28	34	40	41	44	50	55	63	72	64	51	41	36	27	18	20	10	39
22	23	23	36	39	31	25	19	25	31	36	41	35	34	39	43	45	49	47	44	35	28	28	27	22	34
23	18	23	23	22	18	21	21	29	36	38	****	50	46	60	66	66	66	68	59	29	31	22	30	25	38
24	32	38	49	46	35	28	32	31	33	37	46	****	53	48	49	48	43	36	35	31	22	38	35	33	38
25	28	23	26	30	33	****	22	22	22	37	45	55	67	75	71	81	82	81	70	53	54	54	61	62	50
26	68	60	35	34	34	40	42	37	32	33	38	44	45	42	40	40	40	41	39	36	36	33	30	28	39
27	23	17	17	17	20	21	22	23	24	26	26	26	26	26	25	26	26	27	27	27	27	26	26	26	24
28	26	27	26	27	27	26	7	15	18	24	25	22	29	38	35	39	40	42	36	33	29	26	26	28	28
29	29	29	29	29	28	25	31	29	31	32	29	32	33	37	38	39	41	41	40	28	30	33	23	18	31
30	28	36	30	29	22	24	27	28	25	18	15	27	40	42	43	44	45	43	40	37	33	28	28	28	32
MEAN	29	29	29	29	28	27	28	28	29	31	33	36	39	41	42	42	42	40	37	34	31	30	28	28	32.9

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 2.5 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	31	31	31	32	30	32	32	33	35	36	36	46	39	40	39	39	39	37	33	24	20	26	38	34
2	35	31	34	19	20	34	23	26	33	37	44	50	50	47	34	25	46	32	34	36	37	37	32	25	34
3	20	21	30	29	22	9	17	19	13	17	27	37	45	44	41	41	40	39	44	42	38	38	38	35	31
4	35	32	31	31	29	28	28	29	29	31	30	30	32	33	31	29	-	29	29	28	24	23	25	25	29
5	27	28	31	30	28	26	29	32	34	35	36	38	37	36	37	40	42	41	41	46	45	38	34	33	35
6	36	38	37	38	39	33	32	31	30	36	41	41	45	51	51	51	55	59	22	23	24	22	18	12	36
7	4	3	5	****	11	9	7	13	22	30	36	43	59	68	68	58	60	56	52	43	29	14	12	18	31
8	20	16	10	1	1	-7	8	25	39	45	59	70	73	71	70	83	89	88	86	68	72	73	74	72	51
9	56	45	40	35	30	29	31	34	39	49	52	51	47	50	48	45	49	62	61	53	47	37	29	49	45
10	44	42	42	45	30	42	44	45	49	65	74	72	62	60	48	46	49	51	44	38	35	38	31	27	47
11	22	18	18	12	10	10	16	19	26	33	37	54	64	64	71	71	74	78	77	65	74	72	68	57	46
12	56	51	47	36	34	28	29	34	38	40	43	50	49	53	36	37	30	27	37	38	33	30	27	28	38
13	25	24	26	26	25	26	26	26	27	29	30	35	37	40	42	39	40	42	43	46	40	39	42	39	34
14	37	37	37	32	23	22	31	34	37	40	****	****	****	****	****	50	50	55	52	48	43	29	40	35	39
15	33	36	33	32	38	40	36	35	32	40	****	41	47	51	52	49	49	47	45	44	37	36	32	31	40
16	31	32	30	31	29	26	26	27	29	30	31	33	37	37	38	38	39	37	36	30	25	21	16	14	30
17	-	11	7	****	7	10	16	18	22	30	33	42	46	49	49	51	53	52	44	35	28	36	36	28	32
18	20	15	11	9	8	6	11	15	25	45	52	56	56	54	56	59	58	58	55	52	50	48	42	37	37
19	29	24	24	29	34	32	31	28	28	****	34	36	36	39	41	40	41	41	39	33	22	20	30	35	32
20	30	30	37	39	39	39	37	38	41	41	43	45	49	56	67	73	72	70	74	67	37	35	26	37	47
21	****	55	51	49	44	57	35	40	****	40	32	27	29	28	26	25	25	23	25	24	26	21	16	14	32
22	14	16	15	10	10	11	17	26	29	32	33	31	31	34	40	43	46	41	36	32	31	30	29	****	28
23	24	21	12	6	13	20	24	26	28	32	35	41	47	53	55	50	52	48	46	44	43	34	36	23	34
24	28	20	20	25	22	12	17	22	31	38	40	38	37	36	34	30	29	28	23	18	13	22	23	28	26
25	22	7	24	26	-	****	28	27	26	24	****	22	20	17	16	17	15	15	16	20	19	19	18	18	20
26	20	19	16	15	12	7	9	11	13	16	15	17	22	27	31	31	31	30	28	26	23	21	17	18	20
27	19	18	20	20	18	15	16	17	16	21	27	34	41	42	42	42	42	44	36	33	29	22	22	21	27
28	17	18	19	18	****	9	8	14	21	25	****	34	31	33	36	34	35	37	37	23	21	23	25	26	25
29	24	25	21	14	14	12	7	8	9	14	20	22	22	26	27	27	27	28	25	16	15	17	17	18	19
30	24	23	25	24	19	16	18	20	****	34	37	41	46	45	46	43	48	46	45	41	32	14	26	23	32
31	20	17	34	42	38	34	29	27	31	37	48	54	58	65	77	92	87	77	69	63	58	61	63	49	51
MEAN	28	26	26	26	23	23	23	26	29	34	38	41	43	45	45	45	47	46	43	39	35	32	31	30	34.3

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 2.3 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	41	41	35	29	34	35	33	34	33	****	42	55	-	-	90	93	98	86	63	50	51	65	69	70	55
2	62	55	42	38	35	33	27	23	28	33	36	42	46	46	44	43	44	49	47	45	46	52	53	41	42
3	43	45	47	43	43	38	30	32	42	54	57	63	67	69	70	71	69	72	73	60	54	55	60	67	55
4	66	52	41	38	34	32	35	39	44	53	62	67	69	71	73	75	82	88	86	75	80	70	62	55	60
5	47	45	48	48	25	39	36	35	38	38	36	-	44	52	51	48	46	45	43	36	28	24	20	16	39
6	14	7	2	6	7	9	12	15	19	25	38	40	42	46	55	57	48	47	48	42	29	23	19	8	27
7	3	1	1	1	3	8	14	17	39	53	64	70	77	71	75	76	80	73	69	71	60	66	55	56	46
8	59	48	36	29	25	23	25	24	27	28	31	38	42	51	50	53	67	64	63	54	48	44	24	26	41
9	29	29	25	20	23	23	21	26	33	47	61	70	69	68	66	64	67	69	70	65	64	59	51	55	49
10	51	41	27	24	20	18	18	21	24	38	51	59	61	61	56	56	55	53	49	35	32	30	29	26	39
11	24	23	25	25	21	28	22	26	27	28	31	31	35	37	36	35	35	-	-	31	27	21	16	18	27
12	15	13	13	10	12	15	15	22	24	27	32	35	33	32	33	33	32	33	****	29	26	22	21	19	24
13	13	11	12	9	7	10	13	23	32	36	37	39	41	45	47	46	48	52	49	42	39	31	30	23	31
14	25	18	21	24	****	27	23	30	39	48	52	****	54	61	69	80	87	89	86	62	51	49	69	65	51
15	61	58	52	49	44	43	43	48	57	****	****	****	85	90	92	92	94	92	96	92	83	81	79	72	72
16	62	53	49	46	45	46	46	51	62	72	82	87	89	93	96	95	86	83	84	78	71	66	65	57	69
17	54	66	70	64	58	52	50	54	61	70	78	86	84	81	82	92	105	99	91	87	55	47	47	37	70
18	22	26	23	21	22	22	22	22	24	24	****	29	34	38	44	55	50	40	37	32	20	25	26	24	30
19	21	20	17	16	9	11	12	17	24	24	****	35	42	53	69	67	55	53	51	41	37	33	25	29	33
20	31	30	28	27	27	26	26	34	40	43	51	56	63	68	73	74	77	77	72	60	70	67	61	54	51
21	50	43	42	39	36	33	29	27	28	33	40	48	52	60	67	69	72	74	68	66	60	48	41	36	48
22	33	32	30	29	28	26	29	27	****	****	41	45	45	39	33	21	-	24	28	27	24	20	18	21	30
23	23	22	25	26	25	24	24	22	19	18	18	19	20	21	21	21	21	21	20	19	18	16	14	13	20
24	13	11	****	13	13	13	17	****	24	27	30	32	34	36	37	37	39	38	38	33	26	20	16	17	26
25	13	14	15	16	16	15	16	18	21	27	32	35	39	39	40	36	-	38	36	35	32	24	25	28	27
26	21	26	19	12	10	13	17	23	32	36	40	41	50	60	63	72	82	81	82	77	73	77	47	48	46
27	56	67	64	46	40	40	40	43	50	59	65	74	82	84	83	75	51	46	49	42	64	63	67	67	59
28	64	62	59	53	48	54	58	60	53	60	****	68	69	70	73	71	68	71	67	56	43	41	36	47	59
29	43	27	19	16	19	22	26	35	34	42	50	51	46	40	46	46	55	55	52	47	48	44	43	-	39
30	32	29	28	28	27	27	31	33	32	35	42	42	49	58	65	-	63	53	53	48	44	50	50	46	42
MEAN	36	34	32	28	26	27	27	30	35	40	46	50	54	57	60	60	63	61	60	51	47	44	41	39	43.6

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	39	37	36	37	35	35	33	33	32	33	33	32	31	30	27	25	24	27	28	24	23	24	24	29	30
2	30	31	33	34	33	16	11	11	11	15	19	19	21	22	23	23	24	26	26	23	21	20	18	18	22
3	19	21	23	23	23	21	19	21	25	29	****	34	37	38	38	39	39	38	36	29	23	17	15	17	27
4	16	13	6	3	5	8	8	****	21	26	32	36	40	32	31	31	32	32	32	30	25	23	22	22	23
5	21	20	20	18	18	18	23	26	28	30	32	****	34	36	37	38	37	36	36	30	21	25	20	18	27
6	17	16	14	15	15	15	33	24	27	29	33	36	37	37	39	40	40	40	39	34	25	24	13	13	27
7	12	7	6	5	5	7	9	15	28	36	41	44	46	45	40	37	34	32	32	24	16	19	17	13	24
8	10	5	12	7	3	3	11	24	39	47	56	61	61	63	66	78	81	81	63	46	45	46	55	62	43
9	61	65	61	38	37	31	26	23	36	42	43	49	****	53	52	54	50	40	33	32	31	53	48	45	44
10	45	43	36	28	19	16	15	15	24	33	45	-	50	53	56	58	63	66	73	75	75	70	61	58	47
11	57	58	51	38	31	25	22	28	37	51	64	76	76	79	85	84	76	71	61	57	54	49	43	36	55
12	43	48	44	36	27	21	21	30	49	67	68	69	71	78	84	83	77	81	80	64	41	39	37	59	55
13	50	53	48	50	58	45	41	****	72	67	****	78	71	66	66	65	60	65	69	69	57	44	****	23	58
14	24	32	21	10	10	12	15	15	13	32	52	61	54	61	64	63	63	67	65	67	75	82	81	60	46
15	68	67	62	59	55	55	42	46	60	58	59	58	63	61	68	74	76	74	71	70	66	60	53	39	61
16	30	27	15	15	14	15	17	26	47	53	****	****	79	63	64	62	48	41	38	33	28	24	21	****	36
17	9	9	15	14	13	13	12	12	11	12	32	39	47	42	38	31	27	42	45	40	30	20	24	21	25
18	17	14	10	10	9	9	12	17	20	29	33	38	42	46	51	52	51	49	48	36	25	20	15	15	28
19	10	9	10	3	3	3	5	13	25	35	42	43	46	52	57	53	52	54	56	55	50	49	22	26	32
20	46	38	41	31	35	45	35	40	56	72	86	84	80	60	72	73	73	73	60	61	38	37	32	39	54
21	****	41	26	43	43	43	40	36	54	68	72	80	92	98	99	101	99	95	85	82	68	62	63	53	67
22	59	48	52	75	64	58	-	62	71	84	92	90	91	119	96	148	101	101	123	88	72	56	55	41	80
23	****	58	56	76	84	64	42	61	52	51	58	63	73	73	73	70	68	71	72	78	70	47	36	41	62
24	40	37	34	30	23	15	16	24	30	31	38	47	48	46	43	46	49	57	51	42	40	33	33	30	37
25	23	19	14	9	9	11	8	11	14	23	27	35	42	43	46	44	35	29	26	25	22	21	20	21	24
26	19	18	21	25	34	22	21	24	****	14	15	17	38	20	17	****	23	24	26	25	26	27	25	27	23
27	29	29	27	26	26	25	23	27	29	28	30	31	32	-	40	42	43	45	42	29	23	25	25	25	30
28	30	30	30	29	31	25	22	20	24	37	45	42	41	-	31	27	36	48	51	57	32	29	25	21	33
29	18	16	13	13	13	12	15	22	25	29	33	41	44	43	41	50	47	40	36	26	19	21	13	12	27
30	11	11	8	9	7	3	9	17	26	43	49	54	59	59	61	62	63	62	62	61	53	54	48	48	39
31	48	50	52	51	45	40	36	35	35	35	32	33	48	50	47	43	40	35	33	28	19	21	21	31	38
MEAN	31	31	29	28	27	24	21	26	34	40	45	50	53	54	53	57	53	53	52	46	39	37	33	32	39.4

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	14	15	15	17	15	18	15	19	21	25	33	30	32	34	39	37	36	33	29	26	27	23	****	25
2	23	29	27	34	38	33	29	29	28	28	36	41	36	35	35	38	41	39	37	41	45	43	43	40	35
3	44	45	45	40	27	26	16	26	35	53	77	81	74	81	84	75	69	58	48	42	41	46	46	48	51
4	50	46	42	45	50	46	31	35	45	58	67	68	68	71	73	75	77	84	85	84	84	67	61	65	62
5	51	55	59	49	38	35	34	29	35	46	54	57	56	57	60	63	61	63	60	51	42	36	37	33	48
6	28	22	22	18	21	22	26	28	28	32	30	31	37	41	47	51	52	52	46	40	36	27	24	17	32
7	24	22	14	18	22	15	11	19	28	****	34	37	****	54	73	82	78	71	65	60	53	45	35	29	40
8	22	19	16	15	13	14	16	14	22	23	24	7	26	22	35	42	45	42	36	30	24	20	22	24	24
9	21	18	16	13	13	13	15	16	19	27	32	37	39	36	45	45	39	29	26	17	17	23	29	26	25
10	21	33	42	48	54	56	62	47	47	44	41	46	48	45	47	44	42	40	38	34	23	21	23	22	40
11	22	21	21	20	18	18	15	15	15	16	19	23	27	29	30	32	32	32	31	24	21	19	16	16	22
12	14	14	13	12	13	13	13	11	17	26	29	30	31	34	34	33	34	34	33	29	26	26	22	17	23
13	8	8	10	11	9	12	16	18	21	32	38	41	45	50	54	56	52	53	51	47	44	46	48	50	34
14	49	40	32	27	24	21	17	18	22	29	27	3	22	23	21	22	23	24	-	25	22	20	20	19	24
15	18	18	18	17	17	17	17	16	19	20	20	21	23	22	22	21	23	24	21	17	13	9	6	8	18
16	10	12	12	10	9	7	8	11	14	22	26	27	30	34	34	34	35	33	30	24	22	22	24	29	22
17	25	18	17	15	15	15	6	8	19	24	25	26	29	43	53	51	50	47	49	43	35	****	33	34	30
18	40	40	35	31	30	34	33	31	31	31	32	32	35	39	40	40	37	40	38	39	34	33	37	34	35
19	27	26	28	26	24	23	28	31	32	35	38	39	41	47	49	50	50	46	38	21	26	29	27	25	34
20	23	24	19	18	20	13	8	13	18	25	39	52	57	61	55	46	47	44	39	37	30	23	21	20	31
21	16	15	12	14	12	1	5	14	24	32	34	38	43	49	56	64	64	53	49	49	48	42	41	36	34
22	23	10	12	9	0	1	4	12	19	35	41	33	56	49	****	54	48	35	47	52	45	36	32	33	30
23	39	34	30	27	25	21	19	13	14	18	20	25	34	47	55	56	47	43	45	43	42	35	30	26	33
24	22	18	18	24	25	24	24	22	22	24	25	26	37	40	42	52	60	63	57	52	59	58	50	42	37
25	32	31	29	25	20	19	18	21	28	33	37	51	53	49	48	47	45	45	44	43	45	45	35	30	36
26	21	17	17	17	14	10	12	15	21	28	35	41	47	43	49	53	47	47	35	33	31	33	30	36	31
27	36	38	40	36	32	29	29	29	35	43	51	53	52	58	55	43	45	46	40	28	28	31	25	35	39
28	39	29	30	25	18	14	12	14	****	19	26	42	46	49	55	59	58	52	41	40	46	46	44	46	37
29	47	43	40	32	39	37	32	24	23	24	25	33	44	50	56	54	41	57	56	51	43	39	37	35	40
30	31	26	22	19	20	28	29	29	35	42	49	56	63	66	71	72	64	45	38	28	22	19	15	15	38
31	13	11	5	5	6	7	7	12	17	20	28	34	40	45	44	30	31	32	19	7	12	24	29	26	21
MEAN	28	26	24	23	22	21	20	20	25	30	35	38	42	45	49	49	48	45	43	37	35	33	31	31	33.3

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	37	30	25	30	29	30	19	15	31	41	50	64	76	84	91	93	91	80	73	54	52	51	52	71	53
2	39	33	29	25	25	25	25	26	30	30	32	34	36	40	41	42	43	44	45	41	40	39	38	34	35
3	30	29	29	26	24	21	19	21	27	31	32	34	35	35	38	37	37	35	27	22	19	20	13	3	27
4	1	0	0	0	0	2	3	4	10	19	26	32	40	47	56	57	53	47	31	22	18	27	27	28	23
5	25	17	12	9	9	6	8	****	18	31	40	52	63	58	65	63	61	59	49	42	43	42	33	27	36
6	16	14	11	8	6	3	3	9	19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13	****	****	****	****	****	****	****	****	****	48	53	56	64	67	70	70	68	61	57	58	50	35	31	37	******
14	44	43	40	37	32	30	28	28	27	18	22	****	****	24	26	26	25	21	17	17	14	12	11	9	25
15	10	9	6	6	5	7	7	9	15	18	21	21	21	24	31	32	33	33	31	13	12	16	23	31	18
16	32	30	25	21	18	17	14	17	21	28	37	40	41	41	50	54	52	46	41	39	37	31	33	36	33
17	36	32	32	33	28	24	17	****	35	42	48	51	53	63	66	60	58	67	56	55	57	56	52	53	47
18	52	42	32	27	29	30	34	42	****	52	56	59	62	67	72	74	71	47	44	****	30	20	14	12	44
19	12	12	12	10	9	11	17	19	25	27	28	30	31	****	33	32	32	****	20	17	12	12	11	12	19
20	13	9	6	10	18	8	13	8	21	28	30	34	33	39	44	42	45	44	35	33	30	33	35	34	27
21	25	22	22	23	18	14	14	14	20	28	32	39	41	44	43	41	37	29	21	17	****	13	13	13	25
22	14	13	12	15	13	12	11	11	11	11	14	19	23	27	27	28	29	27	21	21	18	17	14	12	18
23	13	13	14	11	6	3	4	8	12	18	22	24	27	28	28	28	27	24	21	20	19	17	15	14	17
24	12	10	8	8	9	8	8	11	14	20	32	38	44	46	47	46	45	41	39	44	30	36	27	16	27
25	26	23	15	13	10	7	3	6	13	17	24	35	47	59	64	62	60	57	59	60	58	58	50	41	36
26	35	32	35	23	18	16	15	16	20	28	35	39	44	45	47	47	48	44	40	48	44	38	36	46	35
27	29	13	26	26	27	22	10	9	18	33	40	47	48	50	55	57	53	41	44	55	49	50	41	32	36
28	28	26	29	31	22	22	25	30	30	31	30	29	33	32	33	31	26	24	21	12	9	11	11	14	25
29	14	13	11	8	8	9	13	21	34	43	43	45	45	50	51	57	51	35	24	26	27	24	16	9	28
30	11	13	16	9	14	18	15	15	16	22	36	51	61	56	57	62	60	52	39	43	51	39	21	26	33
MEAN	24	21	19	18	16	15	14	16	21	29	34	40	44	47	49	50	48	44	37	35	33	30	27	27	30.7

PERCENTAGE OF DATA VALID - 75.4 PERCENTAGE OF DATA INVALID - 24.4 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	20	11	5	6	6	6	7	****	39	18	18	19	23	31	32	29	19	12	10	12	13	15	13	17
2	11	11	13	14	13	7	2	5	4	12	15	21	25	32	34	27	34	31	27	30	31	28	25	23	20
3	21	19	18	17	15	12	9	6	7	7	6	9	8	13	20	23	14	12	14	21	16	19	21	19	14
4	15	11	12	11	13	15	16	19	23	25	26	23	23	24	22	16	10	10	9	14	14	10	10	11	16
5	12	12	12	11	10	7	5	5	11	17	21	21	23	23	17	16	17	22	23	19	18	17	15	19	16
6	16	14	12	8	11	13	9	8	12	16	16	19	18	14	20	19	18	20	21	29	23	13	11	10	15
7	12	11	12	15	16	16	17	17	17	18	18	18	17	16	16	16	17	17	16	16	16	15	16	18	16
8	18	-	19	16	15	14	12	10	14	17	17	18	19	19	18	16	13	14	12	12	7	12	22	21	15
9	14	14	20	23	24	23	17	15	47	20	-	****	26	27	26	25	24	20	16	16	17	15	11	10	20
10	9	7	-	15	17	****	16	17	16	18	21	23	23	19	13	19	20	19	16	10	13	16	9	10	16
11	6	12	11	7	7	8	7	4	5	7	16	17	18	19	****	23	20	18	20	17	16	20	21	19	14
12	17	17	13	11	9	6	2	5	12	15	17	20	18	16	11	11	9	4	9	9	12	16	19	17	12
13	17	14	16	16	14	15	15	15	15	16	19	19	17	18	18	18	18	20	19	17	19	20	19	18	17
14	21	22	20	19	17	17	18	19	22	23	24	25	25	25	27	27	25	20	12	13	17	17	17	17	20
15	17	16	16	19	15	14	9	-	8	9	****	15	14	19	23	25	25	24	20	16	15	10	16	12	16
16	9	11	11	12	13	12	10	10	****	17	18	-	19	17	14	20	26	23	17	15	14	13	13	11	15
17	8	5	2	0	0	0	0	-	-	7	11	17	19	16	17	19	19	15	10	5	2	0	6	13	9
18	24	22	18	22	25	16	12	15	11	12	13	18	16	22	21	24	23	19	12	8	10	12	11	8	16
19	7	5	3	2	2	2	2	4	10	8	21	30	41	53	59	-	-	50	49	49	46	42	42	38	26
20	36	32	29	29	26	25	22	24	25	26	31	36	39	41	44	44	45	44	41	38	37	38	36	32	34
21	33	32	31	30	30	28	27	27	27	29	29	32	37	40	42	42	43	42	37	31	30	28	26	24	32
22	23	21	19	18	19	17	15	16	18	22	26	32	****	43	48	49	43	34	29	31	29	29	29	28	28
23	29	29	34	31	30	31	32	13	****	10	9	9	9	10	8	10	11	13	14	14	13	15	15	14	18
24	16	16	17	18	18	19	18	17	18	18	17	16	17	18	18	19	19	20	20	22	22	-	20	20	18
25	20	25	28	28	27	26	26	25	23	23	23	23	25	27	27	27	26	25	24	23	18	19	20	25	24
26	27	27	24	18	19	20	20	20	21	26	26	23	24	-	22	23	20	17	14	14	13	17	24	19	21
27	20	20	21	22	23	23	17	10	16	25	26	26	23	26	26	26	26	27	25	19	15	15	12	10	21
28	10	10	14	19	15	12	13	15	19	21	19	19	20	24	19	17	16	15	13	13	12	11	14	15	16
29	15	16	18	19	19	22	21	****	****	19	22	22	19	18	22	21	22	24	23	25	24	25	23	21	21
30	21	22	9	4	2	4	9	10	16	22	23	23	25	27	29	36	25	20	20	15	12	11	11	10	17
31	8	6	6	6	6	5	4	5	7	11	56	31	35	37	38	26	20	20	13	10	13	29	28	28	19
MEAN	18	17	16	16	15	15	13	13	16	18	21	21	22	24	25	24	23	22	20	19	18	18	19	18	18.7

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	26	30	31	31	31	33	34	35	33	31	33	31	29	25	25	31	32	33	34	23	20	17	16	29
2	16	16	15	12	12	13	14	10	13	15	19	20	21	29	28	25	20	13	12	18	16	13	12	10	16
3	9	9	7	2	3	7	6	8	15	22	25	28	31	32	34	31	28	26	22	20	16	14	11	-	18
4	6	10	13	12	13	12	12	11	13	17	21	22	23	24	26	26	25	20	16	10	7	9	13	12	16
5	19	20	23	19	11	11	17	17	10	13	19	21	20	19	18	11	4	0	3	2	4	2	2	5	12
6	5	4	1	1	1	1	1	2	2	****	3	8	9	12	17	19	13	5	7	9	13	13	11	6	7
7	11	12	18	17	14	18	22	23	22	26	25	27	26	26	27	28	25	23	18	16	14	11	7	7	19
8	8	16	14	14	16	-	****	11	12	12	13	13	14	11	10	10	8	13	11	17	17	13	11	11	13
9	10	6	3	6	7	7	3	2	7	8	8	8	8	4	2	0	0	0	0	-	3	8	15	14	6
10	11	8	2	0	1	2	2	2	6	9	15	17	16	19	21	21	20	20	20	19	19	16	17	16	12
11	13	12	-	9	6	5	5	5	6	6	8	21	-	26	26	26	26	27	16	14	21	20	21	18	15
12	14	12	13	-	15	16	15	14	18	21	22	22	25	28	27	26	22	14	17	18	19	19	17	14	19
13	13	11	11	13	12	13	13	1	1	3	6	9	8	11	11	14	14	7	12	13	10	13	11	9	10
14	9	11	9	8	12	19	21	19	17	13	43	26	26	27	27	27	25	21	22	19	17	11	14	10	19
15	8	12	13	9	9	7	9	14	14	15	12	9	13	18	17	13	7	3	1	1	5	13	16	17	11
16	20	22	25	27	27	27	25	22	25	28	28	28	28	29	28	29	25	18	15	14	17	18	13	17	23
17	18	21	19	18	15	14	14	15	16	17	19	22	23	23	23	24	21	19	18	14	7	10	7	9	17
18	1	3	4	4	3	7	8	8	8	12	16	25	31	34	42	41	34	31	36	37	24	15	0	0	18
19	0	0	0	0	0	0	0	0	2	4	****	****	45	56	55	46	21	6	8	41	43	42	36	35	20
20	30	27	25	27	29	26	22	15	13	****	15	19	22	25	30	30	22	12	17	15	16	14	13	14	21
21	13	17	19	15	13	12	13	15	14	15	16	16	16	14	12	13	12	-	7	6	4	3	4	3	12
22	1	4	23	39	40	38	35	30	30	37	34	34	33	33	33	33	31	29	26	27	27	27	28	28	29
23	29	28	26	23	20	17	13	11	17	21	24	29	28	28	28	25	24	25	22	21	17	9	10	10	21
24	14	13	11	9	17	16	18	21	18	14	14	19	24	26	25	25	22	14	8	7	9	****	13	13	16
25	15	16	16	16	14	11	11	8	10	9	9	11	10	8	10	8	6	6	6	7	10	13	11	9	10
26	8	7	9	13	27	28	29	29	28	27	26	24	25	26	30	30	30	30	27	27	29	28	24	21	24
27	24	23	23	24	19	20	21	21	20	11	22	24	25	24	24	23	17	12	10	10	12	12	15	14	19
28	9	10	11	10	8	11	14	24	25	24	21	20	25	22	22	21	18	17	15	15	15	15	14	15	17
29	12	12	11	10	11	11	11	10	11	15	14	14	14	14	14	****	-	****	13	11	11	10	9	7	12
30	7	9	13	15	16	17	12	12	13	14	9	19	21	22	22	22	19	18	16	14	12	12	12	12	15
MEAN	13	13	14	14	14	14	14	14	15	16	19	20	22	23	24	23	20	16	15	16	15	15	13	13	16.5

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	11	11	11	11	10	8	9	13	17	18	16	17	18	17	****	11	7	0	0	2	9	14	19	11
2	18	20	21	21	21	20	22	24	24	24	25	26	29	30	31	31	29	18	10	7	13	21	17	18	22
3	16	15	15	14	19	20	19	17	14	22	23	26	28	28	28	25	****	23	21	14	13	24	21	15	20
4	13	12	12	10	7	6	4	6	9	****	15	18	21	20	21	23	19	13	14	10	4	2	6	5	12
5	6	12	3	1	2	6	9	13	17	21	20	22	24	31	36	38	41	42	43	44	41	43	43	41	25
6	41	39	35	31	27	26	22	14	10	12	11	11	10	10	11	10	13	9	9	9	7	8	4	5	16
7	5	2	3	6	6	11	13	11	13	15	14	15	13	16	18	15	13	12	20	19	13	8	4	6	11
8	15	19	20	22	25	25	26	25	24	24	25	26	26	26	26	26	26	24	****	23	22	22	17	14	23
9	13	13	15	15	14	15	15	15	19	19	17	16	17	18	16	15	17	15	17	15	11	10	9	7	15
10	6	4	3	2	2	1	1	1	1	5	7	12	14	16	16	13	13	18	20	20	17	13	12	14	10
11	16	18	20	22	22	23	23	23	23	24	26	28	31	30	31	33	34	33	29	30	31	29	28	26	26
12	28	28	27	27	26	24	23	17	13	16	15	17	18	18	18	19	20	21	21	20	18	16	15	16	20
13	17	18	11	10	8	6	4	3	3	5	7	8	8	6	5	3	1	0	9	20	21	23	24	23	10
14	16	9	7	6	7	4	6	10	13	15	****	19	20	****	16	****	19	20	20	20	20	13	0	2	12
15	3	4	3	6	8	6	9	7	6	10	13	16	18	17	18	18	17	15	11	2	0	0	0	2	9
16	3	4	3	4	5	4	3	3	6	9	10	8	7	7	4	2	18	24	23	24	24	23	24	26	11
17	27	27	28	28	29	27	26	20	18	26	27	26	28	27	25	****	28	25	23	21	18	17	14	16	24
18	15	15	12	6	2	1	C	1	5	8	13	17	19	22	22	21	17	11	10	4	8	8	8	5	10
19	4	2	3	5	10	5	0	0	4	6	8	9	11	11	9	7	2	0	0	0	4	5	4	0	5
20	0	0	0	0	0	0	0	0	3	5	9	13	16	17	15	12	5	0	0	0	0	0	1	5	4
21	7	8	11	13	12	10	6	4	5	7	14	17	18	19	18	15	11	9	11	10	4	6	8	11	11
22	11	10	8	9	10	8	7	6	7	8	8	9	10	10	9	9	7	8	9	9	6	3	2	4	8
23	8	9	8	8	9	11	11	11	11	11	13	14	15	15	14	12	12	12	12	10	8	7	4	3	10
24	3	3	3	5	5	5	5	3	1	7	11	7	5	5	4	1	1	0	0	0	0	0	0	0	3
25	0	1	0	0	0	0	2	4	6	8	13	14	14	16	17	17	17	19	19	19	20	20	21	21	11
26	21	21	21	22	22	22	21	22	23	22	23	22	21	21	22	22	23	22	22	26	15	15	16	17	21
27	15	14	15	17	17	19	22	22	22	24	16	22	23	25	26	26	27	25	22	22	22	21	21	21	21
28	21	20	19	19	20	23	24	25	25	24	23	23	23	22	21	21	13	8	4	2	2	3	5	8	17
29	11	13	13	12	10	12	13	14	13	13	14	16	19	21	21	21	20	11	1	0	0	2	1	2	11
30	4	4	4	7	4	1	0	0	3	11	18	20	20	22	22	21	20	16	16	15	14	5	13	12	11
31	14	19	19	19	19	18	17	17	19	19	26	22	22	22	21	21	17	20	21	21	21	21	22	-	20
MEAN	13	13	12	12	12	12	12	11	12	15	16	17	18	19	19	18	17	15	15	14	13	13	12	12	14 2

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	19.3	31	69
FEB	28	26.1	46	59
MAR	31	29.2	44	78
APR	30	32.9	50	82
MAY	31	34.3	51	92
JUN	30	43.6	72	105
JUL	31	39.4	80	148
AUG	31	33.3	62	85
SEP	22	30.7	53	93
OCT	31	18.7	34	59
NOV	30	16.5	29	56
DEC	31	14.2	26	44
YEAR	357	28.1	80	148

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	138	518	63	1	0	0	0	0	720
FEB	54	389	204	8	0	0	0	0	655
MAR	43	353	305	31	0	0	0	0	732
APR	8	290	366	31	3	0	0	0	698
MAY	30	280	318	90	6	0	0	0	724
JUN	18	206	229	200	43	1	0	0	697
JUL	39	248	234	174	25	4	2	0	726
AUG	31	320	285	93	8	0	0	0	737
SEP	57	239	166	77	4	0	0	0	543
OCT	115	543	62	3	0	0	0	0	723
NOV	181	475	46	2	0	0	0	0	704
DEC	272	440	23	0	0	0	0	0	735
YEAR	986	4301	2301	710	89	5	2	0	8394

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT 50	70	90	95	98	99	MAX	ARITH MEAN
95.8	0	8.9	18.0	25.3	32.9	49.4	60.8	72.5	81.1	148	28.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	19	17	11	0	0	0	0	8	12	15	15	14	13	11	11	13	12	12	12	14	15	16	17	11
2	20	21	22	22	23	25	27	26	26	27	26	****	26	26	28	29	20	30	24	26	27	27	23	20	25
3	17	16	16	15	15	13	14	14	14	16	19	19	19	20	21	21	21	21	21	20	19	21	21	22	18
4	20	19	20	19	18	22	26	25	23	22	22	23	23	23	24	23	23	22	21	20	18	14	16	18	21
5	19	21	22	21	20	20	20	21	18	19	18	19	19	20	21	****	22	22	20	18	18	21	17	16	20
6	14	13	13	11	10	9	6	4	7	12	16	20	27	28	29	31	32	31	26	25	20	27	33	37	20
7	36	35	28	26	21	12	10	10	14	22	25	27	27	28	28	29	28	26	18	16	18	21	21	19	23
8	16	15	17	21	25	26	25	24	24	25	27	28	29	27	24	24	****	****	23	23	21	18	18	18	23
9	19	19	22	20	18	17	17	17	17	16	15	17	20	****	23	21	19	21	23	24	24	23	22	20	20
10	14	12	13	14	15	19	23	24	27	25	26	25	25	23	24	31	31	29	28	27	26	24	22	18	23
11	17	17	16	15	15	16	14	17	13	15	19	23	26	27	25	25	****	28	26	24	24	23	21	20	20
12	21	19	19	19	19	19	16	16	17	20	21	22	24	24	22	17	16	16	16	14	11	11	10	10	17
13	8	6	6	8	10	12	15	12	11	16	18	19	21	22	20	18	19	17	13	12	14	24	19	15	15
14	13	12	10	10	9	9	8	9	23	29	31	31	33	38	37	37	37	36	35	36	34	33	33	32	26
15	30	30	29	27	29	27	24	20	19	19	20	****	25	28	31	31	29	30	28	24	25	13	16	21	25
16	19	19	18	19	18	21	19	19	25	27	28	32	35	36	36	36	32	30	28	26	27	27	28	24	26
17	18	14	9	10	13	16	15	8	7	9	10	10	10	10	11	****	18	19	21	19	21	22	26	26	15
18	26	25	25	25	24	24	24	25	29	30	31	31	34	35	35	35	33	31	30	26	27	27	25	21	28
19	19	19	16	10	10	13	19	18	21	23	****	26	26	25	26	28	26	26	21	17	15	11	8	9	19
20	13	13	12	13	15	15	14	12	12	14	14	14	15	16	16	14	14	12	14	14	13	9	7	7	13
21	7	7	7	8	9	11	7	8	12	16	19	21	22	23	24	23	19	17	19	22	24	21	19	19	16
22	18	19	21	21	22	23	22	24	26	26	26	27	28	29	30	31	31	31	****	29	29	26	21	21	25
23	21	20	20	20	21	20	21	22	22	21	21	21	27	29	29	31	32	31	29	27	22	19	17	17	23
24	18	18	18	18	17	16	17	17	17	16	16	17	17	19	20	18	15	13	11	13	13	10	5	3	15
25	5	12	13	11	10	17	19	20	20	20	21	22	22	22	21	21	21	****	21	21	21	22	23	23	19
26	22	22	21	21	21	20	19	19	20	21	22	23	24	23	24	26	25	24	22	22	21	20	19	18	22
27	19	20	21	19	19	19	19	19	19	19	19	20	19	19	19	18	18	17	17	17	18	18	17	17	19
28	15	14	11	9	6	7	12	13	15	16	17	19	21	22	23	24	24	24	24	23	23	23	23	23	18
29	25	25	26	27	27	28	28	27	27	25	25	26	27	27	28	28	****	28	27	27	27	26	26	26	27
30	27	27	28	29	29	29	29	29	28	28	29	29	29	30	31	31	31	31	31	31	31	30	31	31	30
31	30	30	26	25	25	23	22	21	20	22	26	30	31	****	****	****	33	33	33	33	33	32	31	31	28
MEAN	19	19	18	18	17	18	18	17	19	20	21	23	24	25	25	25	24	24	23	22	22	21	20	20	20.9

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	33	34	34	32	31	31	33	33	30	29	30	31	32	33	33	33	33	33	32	32	32	32	32	31	32
2	31	31	31	30	32	31	30	30	30	****	****	****	****	****	****	****	23	28	31	30	30	34	35	34	31
3	30	28	21	20	17	15	16	12	14	19	24	27	29	29	****	31	29	29	28	27	28	29	27	19	24
4	15	13	9	3	5	10	22	25	28	32	25	25	26	28	29	32	32	31	29	29	29	26	25	23	23
5	23	22	21	21	21	21	21	21	21	21	22	24	26	27	28	28	28	28	25	25	25	25	25	22	24
6	22	20	19	15	12	6	3	5	12	17	19	22	24	26	28	28	27	27	26	27	27	27	23	15	20
7	5	0	1	1	2	5	6	10	15	15	17	18	****	****	****	****	****	****	****	****	****	****	****	****	******
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28	****	****	****	****	****	****	****	****	****	****	****	****	****	40	40	46	49	48	42	38	37	34	34	36	******
MEAN	23	21	19	17	17	17	19	19	21	22	23	25	27	31	32	33	32	32	30	30	30	30	29	26	25.0

PERCENTAGE OF DATA VALID - 23.7 PERCENTAGE OF DATA INVALID - 76.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	50	41	31	18	15	14	13	17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	37	38	38	38	36	36	36	36	36	33	******
3	27	25	23	18	14	13	14	16	19	23	26	29	35	38	42	45	51	58	56	46	39	36	36	34	32
4	33	34	34	34	32	31	32	32	34	34	35	35	32	32	33	36	37	34	30	28	28	27	27	28	32
5	25	21	18	17	18	21	21	22	25	26	27	27	29	29	32	32	29	27	26	27	27	28	28	28	25
6	27	27	27	20	18	19	20	16	14	****	18	24	26	27	29	27	26	27	29	31	32	32	31	31	25
7	30	29	28	29	26	26	25	19	18	19	21	26	32	38	46	48	55	54	47	42	40	39	36	32	34
8	27	25	24	24	22	20	21	22	24	28	31	41	48	47	50	54	56	56	53	37	30	27	27	23	34
9	20	19	17	16	16	15	14	13	16	****	26	31	36	38	37	35	34	39	41	43	41	39	34	27	28
10	24	19	9	9	10	10	12	13	16	16	18	23	25	26	26	25	25	25	23	25	20	18	21	22	19
11	20	20	21	21	20	19	23	24	24	24	24	24	24	24	23	24	22	22	22	21	21	24	23	22	22
12	24	24	24	26	27	30	34	34	34	35	34	****	****	36	36	38	40	42	41	41	40	39	36	33	34
13	30	28	26	22	21	19	14	14	****	19	20	22	26	29	38	47	47	42	42	42	40	36	33	33	30
14	36	33	32	30	32	35	29	28	26	25	27	32	34	35	36	34	31	30	34	35	35	36	36	35	32
15	35	34	34	33	33	33	33	33	32	32	32	33	34	34	****	34	33	31	31	32	32	31	32	33	33
16	32	31	28	20	18	17	17	18	18	21	25	26	26	28	27	28	31	33	35	34	32	31	31	29	27
17	29	28	27	21	17	14	11	10	11	17	21	24	27	28	****	32	40	43	42	35	34	34	36	32	27
18	28	27	22	17	13	5	0	3	6	10	16	24	36	51	57	64	76	64	76	70	64	56	49	39	36
19	24	21	22	24	21	22	25	26	32	33	35	38	38	38	42	45	44	44	38	35	33	33	31	29	32
20	26	23	22	21	19	16	17	18	27	34	36	****	39	43	44	43	41	39	36	27	26	27	23	21	29
21	25	31	19	16	11	9	6	8	13	19	26	35	41	45	55	69	71	62	55	45	39	34	33	33	33
22	27	23	22	15	9	9	8	16	22	25	35	39	45	54	56	55	49	49	54	55	46	40	35	32	34
23	23	19	18	18	19	23	26	32	36	40	42	44	47	****	51	50	52	53	54	54	51	46	42	40	38
24	39	37	36	34	33	33	33	31	30	31	34	36	39	42	47	31	27	26	26	26	23	23	22	18	32
25	17	13	13	13	14	13	13	14	17	18	19	20	22	24	23	23	24	25	25	23	21	19	17	17	19
26	16	18	20	20	21	21	23	24	24	24	25	26	27	28	29	31	****	31	31	32	33	32	31	28	26
27	28	33	32	32	32	31	30	31	33	33	34	35	36	37	37	37	37	37	38	34	32	31	31	32	33
28	30	29	29	31	34	28	30	29	31	32	33	35	37	41	42	43	43	43	41	39	31	24	23	22	33
29	22	24	27	28	28	27	27	30	31	32	35	37	34	33	33	33	32	30	27	26	29	31	32	33	30
30	33	37	37	37	37	35	33	33	30	28	30	36	38	37	****	34	34	33	28	30	34	33	29	30	33
31	35	34	28	27	27	26	24	23	23	23	20	20	23	24	26	28	27	25	23	20	18	19	21	22	24
MEAN	28	27	25	23	22	21	21	22	24	26	28	30	33	35	38	39	40	39	38	36	34	32	31	29	30.0

PERCENTAGE OF DATA VALID - 94.5 PERCENTAGE OF DATA INVALID - 5.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	26	21	16	15	14	16	24	28	27	26	26	27	27	22	22	20	17	20	19	17	11	11	10	20
2	9	11	10	12	13	14	15	15	12	12	25	28	****	****	21	25	29	23	24	24	18	13	8	15	17
3	17	20	20	19	21	21	23	25	27	26	26	27	30	31	36	37	36	36	31	29	32	31	30	29	28
4	28	28	31	31	27	21	15	11	17	23	25	28	32	34	33	32	29	26	26	22	16	9	13	17	24
5	19	21	24	26	25	25	27	26	25	23	22	25	25	-	-	35	35	35	31	32	30	28	28	25	27
6	26	31	22	18	20	21	22	21	19	21	21	23	25	26	27	28	29	31	31	30	30	31	31	30	26
7	30	30	30	29	28	28	28	29	29	30	31	31	30	29	29	30	32	32	29	30	31	32	31	29	30
8	30	31	31	26	18	27	26	25	25	25	25	26	26	26	26	27	30	32	32	30	27	26	25	18	27
9	21	25	31	23	14	17	22	31	35	36	35	29	32	37	38	38	37	36	33	31	30	27	26	26	30
10	26	26	26	27	27	28	28	28	30	33	36	36	-	36	37	39	39	39	37	36	32	28	25	23	31
11	23	22	18	15	15	15	15	18	21	25	28	32	39	42	42	37	33	34	36	36	30	26	23	25	27
12	26	26	27	28	31	33	33	32	30	31	30	27	26	25	28	28	28	27	25	22	22	22	18	17	27
13	16	11	8	15	21	23	24	25	26	27	30	32	30	29	-	33	35	37	37	29	30	29	28	27	26
14	26	25	26	19	29	37	38	39	38	35	34	35	39	40	41	42	48	49	51	49	44	42	39	40	38
15	39	35	33	33	32	33	32	32	31	28	26	28	31	34	36	36	36	35	36	34	30	28	28	28	32
16	27	27	28	27	26	24	23	22	21	20	21	23	29	29	30	32	32	32	33	33	32	29	24	23	27
17	24	23	21	20	21	21	21	24	28	32	34	34	37	40	40	39	38	38	39	38	37	33	29	27	31
18	24	24	24	25	26	26	26	28	32	37	36	35	38	38	39	41	43	43	42	40	35	31	30	30	33
19	30	29	29	30	29	29	28	29	31	38	33	34	36	-	36	39	42	44	42	42	41	35	27	27	34
20	28	27	29	28	28	18	16	22	22	29	34	37	37	39	40	40	39	41	45	49	48	44	36	37	34
21	36	34	30	28	27	25	25	26	31	30	31	35	38	39	43	45	45	46	50	53	50	41	46	50	38
22	48	47	47	47	43	42	42	38	35	26	24	26	26	29	32	35	35	36	37	33	31	30	30	28	35
23	28	28	28	29	28	26	27	29	29	29	27	31	34	35	38	42	-	35	31	35	38	41	42	38	33
24	35	36	35	33	27	29	26	21	21	21	24	26	31	32	29	38	39	40	36	36	36	33	32	32	31
25	31	30	28	24	21	23	22	23	25	34	36	-	47	53	58	59	61	62	63	62	77	76	71	70	46
26	65	44	33	34	36	41	43	45	36	37	45	49	45	-	-	22	29	31	41	39	38	32	28	26	38
27	18	15	14	16	18	21	22	23	23	23	23	24	25	26	26	27	28	29	27	27	27	27	27	27	23
28	27	26	25	26	27	-	24	27	28	26	24	24	34	36	36	36	37	37	34	34	34	31	25	23	30
29	25	26	27	26	26	25	26	26	27	27	29	32	35	35	36	41	41	41	41	40	40	40	38	37	33
30	38	36	30	28	29	27	27	26	24	21	25	27	37	40	41	41	43	43	41	41	37	32	30	30	33
MEAN	28	27	26	25	25	25	25	26	27	28	29	30	33	34	35	36	36	36	36	35	34	31	29	29	30.2

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	30	29	29	28	28	29	29	28	31	30	31	33	-	-	28	31	36	35	42	47	48	46	44	34
2	42	41	42	40	37	40	43	31	27	30	34	41	45	50	53	46	41	43	44	43	33	30	26	21	38
3	13	12	13	20	19	18	16	15	17	25	36	42	46	44	42	40	29	34	37	36	31	32	32	31	28
4	28	26	24	25	25	25	25	26	25	28	27	30	-	33	29	29	27	27	27	27	26	25	23	24	27
5	23	23	27	30	30	30	29	29	30	31	34	37	39	40	38	38	40	40	40	41	39	40	41	43	35
6	47	46	43	40	39	36	38	37	36	35	37	38	41	45	52	48	48	46	52	62	55	22	24	27	41
7	21	16	15	16	17	18	21	22	23	25	31	34	41	50	60	66	69	58	60	69	64	50	33	27	38
8	24	25	24	25	24	26	30	30	33	38	42	51	-	75	93	104	91	88	95	92	92	95	80	52	58
9	41	37	37	35	36	31	31	30	32	35	42	52	61	74	77	77	79	77	76	77	73	68	63	58	54
10	55	54	49	50	39	35	28	31	33	38	44	42	41	37	36	44	52	51	51	47	42	40	35	31	42
11	29	24	25	27	25	25	23	23	29	31	35	-	54	71	100	108	88	72	79	78	77	73	71	65	54
12	66	56	43	46	44	38	45	43	47	41	42	45	45	46	38	33	32	25	23	34	39	37	31	31	40
13	29	28	27	29	29	27	26	26	26	27	28	29	30	31	31	31	34	34	34	37	40	39	38	42	31
14	42	27	25	30	32	30	24	23	29	35	-	-	44	51	57	64	65	62	62	62	62	60	60	57	46
15	50	39	40	38	30	34	37	39	43	41	44	48	49	51	57	62	58	56	55	54	45	40	38	39	45
16	36	37	39	38	36	34	32	32	34	-	-	32	34	35	37	39	39	39	42	40	41	34	28	26	36
17	25	21	20	22	28	30	29	30	29	27	37	39	40	40	45	47	49	51	54	51	50	53	50	51	38
18	48	34	26	24	20	19	23	34	37	36	39	43	45	60	58	56	58	52	61	59	54	54	51	47	43
19	37	36	38	41	39	30	28	30	30	31	34	38	39	41	41	41	41	43	42	40	39	40	37	34	37
20	35	38	43	49	53	51	41	41	41	-	-	44	47	47	52	55	54	64	73	71	47	46	51	66	50
21	68	62	64	63	63	58	46	37	40	40	36	23	28	28	26	26	23	24	25	26	26	23	22	17	37
22	17	21	22	23	24	21	27	27	28	32	-	37	38	41	43	46	48	50	46	39	33	34	35	32	33
23	25	18	20	21	20	20	24	27	26	29	28	31	34	32	34	39	50	52	48	45	45	44	42	45	33
24	46	39	34	28	27	26	22	25	28	32	41	42	37	34	34	31	28	24	28	26	22	16	23	26	30
25	25	21	15	26	24	24	25	25	24	20	-	20	21	19	20	20	18	25	22	17	17	18	18	20	21
26	22	20	14	13	15	14	17	18	20	21	27	31	32	35	35	36	36	37	36	33	26	25	26	28	26
27	25	25	22	16	20	20	21	21	22	25	31	31	36	40	44	44	41	50	43	41	38	36	34	35	32
28	30	20	20	25	27	25	28	27	29	29	28	32	41	45	46	51	49	47	43	40	38	29	36	37	34
29	35	34	32	32	36	34	33	34	-	37	31	21	26	31	34	34	37	42	45	44	43	38	40	39	35
30	42	38	32	25	30	31	28	26	25	28	37	43	42	45	45	47	48	49	49	47	48	47	45	44	39
31	44	42	35	38	39	37	24	24	25	29	34	45	50	51	63	66	78	84	77	65	58	55	55	53	49
MEAN	35	32	30	31	31	30	29	29	30	31	35	37	40	44	47	48	48	48	49	48	45	42	40	38	38.2

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	43	37	32	36	36	37	38	38	38	40	43	50	58	63	64	-	68	69	66	63	63	63	63	63	51
2	64	66	66	57	36	31	27	25	24	24	24	25	29	29	30	35	38	42	44	44	44	44	46	48	39
3	47	43	43	41	20	5	7	11	18	23	28	36	47	54	66	74	81	82	80	75	71	72	72	63	48
4	41	41	40	29	26	26	25	28	33	35	39	43	55	63	69	72	75	77	78	76	74	72	66	62	52
5	65	58	42	37	37	37	37	36	36	32	35	40	39	40	40	42	42	50	50	50	42	32	26	20	40
6	18	17	15	14	13	12	9	10	11	18	25	38	48	51	54	57	59	60	62	48	37	29	25	23	31
7	19	14	6	6	9	11	19	26	31	34	40	-	60	70	75	77	78	74	78	80	77	70	67	64	47
8	50	40	34	29	22	25	26	25	26	26	28	30	34	35	42	47	49	50	50	50	48	50	51	47	38
9	49	50	48	37	36	22	18	20	30	35	39	50	58	65	66	73	74	76	69	64	64	61	59	55	51
10	31	29	26	21	18	18	18	20	24	30	38	45	50	49	45	45	46	46	44	30	25	24	22	21	32
11	18	17	17	17	20	21	20	19	17	19	21	22	25	25	25	26	25	25	24	23	22	19	16	15	21
12	16	16	13	15	18	19	20	19	****	****	****	****	****	30	35	36	31	34	28	22	20	18	18	22	23
13	24	23	23	25	24	24	23	24	22	22	-	-	38	42	47	58	57	55	51	46	43	41	42	38	36
14	43	44	39	39	30	21	26	31	34	35	35	35	37	42	45	56	68	72	66	56	65	75	61	61	47
15	57	53	50	45	44	43	41	43	47	55	65	-	103	113	129	138	148	162	165	169	164	161	156	149	100
16	139	135	129	125	117	114	107	108	114	122	137	156	195	225	260	285	297	294	288	278	269	252	243	222	192
17	192	161	154	150	149	149	146	137	131	134	152	169	199	219	252	284	295	297	289	258	226	210	207	198	198
18	186	173	155	143	130	118	110	103	99	96	96	96	101	103	110	114	114	118	120	117	113	110	106	103	118
19	97	95	89	85	75	72	69	67	75	-	-	74	73	86	72	54	52	56	57	57	55	47	40	39	68
20	38	38	36	32	29	26	26	30	30	33	40	52	59	63	64	60	60	62	62	63	61	****	67	64	48
21	66	64	66	75	76	77	74	69	69	75	89	-	50	54	58	59	61	61	61	56	49	43	37	32	62
22	33	29	27	26	24	18	18	****	38	52	60	71	90	97	96	97	110	117	117	115	112	106	94	66	71
23	83	77	71	66	63	61	58	54	50	47	46	48	51	52	53	54	55	55	55	49	43	39	36	34	54
24	32	32	31	29	29	29	32	35	39	49	55	65	82	90	100	111	123	127	127	123	114	110	102	94	73
25	86	78	73	68	65	63	60	60	68	81	98	115	-	-	32	30	32	35	37	37	38	35	31	28	57
26	29	31	34	30	28	27	27	30	32	33	30	32	34	42	51	56	61	62	63	63	60	54	53	56	42
27	65	59	46	44	41	40	39	41	43	47	-	70	84	89	90	90	90	65	57	65	60	58	59	63	61
28	65	70	64	62	64	64	64	63	58	56	60	61	63	65	65	66	68	66	66	70	70	66	62	57	64
29	58	59	58	50	54	50	49	41	39	41	43	44	46	53	55	56	57	57	50	46	42	40	39	40	49
30	33	36	42	51	58	62	75	81	85	92	98	102	113	124	140	-	-	89	95	95	98	99	96	94	84
MEAN	60	56	52	49	46	44	44	45	47	50	56	63	69	74	78	80	83	85	83	80	76	72	69	65	63 5

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 1 8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

DNTARID MINI5TRY DF THE ENVIRDNMENT - AIR RE5DURCE5 8RANCH

PDLLUTANT - DZONE-CHEMILUMINE5CENT UNIT5 - PART5/8ILLION

5TATION - NMP ND 22901 LONG PT PRDV PK 100M 5 HWY59 MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALIO -													
2												- DATA INVALID -													
3												- OATA INVALID -													
4	****	****	****	****	****	****	****	****	****	****	****	****	-	53	55	53	47	44	42	39	34	28	22	20	******
5	18	16	15	13	12	12	14	15	17	20	24	3D	34	38	43	48	44	41	41	36	28	24	21	18	26
6	16	13	10	7	6	8	12	14	18	22	26	43	54	58	-	37	47	56	61	61	54	32	17	12	30
7	12	1D	9	6	6	6	7	11	17	22	30	43	51	54	56	55	58	56	54	5D	38	29	21	22	30
8	11	14	15	14	15	1D	11	15	18	28	44	56	64	69	80	86	91	88	81	78	71	66	61	59	48
9	52	44	38	33	3D	23	24	24	28	33	37	4D	43	48	-	7D	62	60	56	57	53	40	40	37	42
10	34	29	21	10	1D	8	7	8	1D	18	31	49	56	62	74	80	79	75	76	79	77	67	61	46	44
11	39	36	37	26	21	17	16	18	21	26	37	52	68	88	108	114	114	111	1D7	1DD	86	8D	74	69	61
12	64	54	58	47	37	31	35	4D	48	50	58	70	****	****	****	****	****	****	****	****	****	****	****	****	******
13												- OATA INVALID -													
14												- OATA INVALIO -													
15												- DATA INVALID -													
16												- OATA INVALIO -													
17												- OATA INVALIO -													
18												- OATA INVALID -													
19												- OATA INVALID -													
2D												- OATA INVALIO -													
21												- DATA INVALIO -													
22												- DATA INVALID -													
23												- OATA INVALIO -													
24												- DATA INVALIO -													
25												- OATA INVALID -													
26												- OATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALIO -													
29												- DATA INVALID -													
3D												- OATA INVALID -													
31												- DATA INVALID -													
MEAN	31	27	25	2D	17	14	16	18	22	27	36	48	53	59	69	68	68	66	65	63	55	46	4D	35	40.8

PERCENTAGE DF DATA VALIO - 25.4 PERCENTAGE DF OATA INVALID - 74.2 PERCENTAGE DF DATA UNAVAILA8LE - D.4

NDTE5 1. "*****" INDICATE5 INVALID OATA DUE TD INSTRUMENTATIDN FAILURE

2. "-" INOICATE5 OATA I5 UNAVAILA8LE

3. "******" INDICATES LE55 THAN 2/3 VALID DATA FDR DAILY MEAN IN DNE DAY

DNTARID MINISTRY OF THE ENVIRDNMENT - AIR RESDRCES 8RANCH

PDLLUTANT - DZDNE-CHEMILUMINE5CENT UNIT5 - PART5/8ILLIDN

5TATIDN - NMP ND 229D1 LDNG PT PRDV PK 1ODM S HWY59 MDNTH - AUG 79

HOUR OAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALIO -													
2												- DATA INVALID -													
3												- OATA INVALIO -													
4												- OATA INVALIO -													
5												- OATA INVALID -													
6												- DATA INVALIO -													
7												- OATA INVALID -													
8												- DATA INVALID -													
9												- OATA INVALIO -													
10												- DATA INVALID -													
11												- OATA INVALID -													
12												- DATA INVALID -													
13												- OATA INVALIO -													
14												- DATA INVALIO -													
15												- OATA INVALIO -													
16												- OATA INVALIO -													
17												- OATA INVALID -													
18												- OATA INVALID -													
19												- DATA INVALIO -													
20	****	****	****	****	****	****	****	****	****	****	****	****	****	61	65	62	54	57	58	6D	58	42	27	24	******
21	22	18	17	18	2D	19	19	22	27	31	43	49	54	51	50	48	49	50	51	48	57	58	48	37	38
22	27	26	25	20	15	14	16	19	25	32	45	50	36	6D	57	57	36	31	27	55	56	46	41	40	36
23	37	36	31	26	28	21	18	18	19	21	23	29	-	49	52	47	32	36	32	31	25	19	13	9	28
24	7	6	8	10	1D	1D	9	8	8	7	9	14	13	14	16	16	16	17	18	2D	****	****	****	****	12
25												- DATA INVALIO -													
26												- OATA INVALID -													
27												- DATA INVALIO -													
28												- DATA INVALID -													
29												- OATA INVALIO -													
3D												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	23	22	2D	19	18	16	16	17	2D	23	3D	36	34	47	48	46	37	38	37	43	49	41	32	28	31.5

PERCENTAGE OF DATA VALIO - 13.7 PERCENTAGE OF OATA INVALID - 86.2 PERCENTAGE DF DATA UNAVAILA8LE - D.1

NDTE5 1. "*****" INDICATE5 INVALID DATA OUE TO INSTRUMENTATIDN FAILURE

2. "-" INOICATE5 OATA I5 UNAVAILA8LE

3. "******" INDICATE5 LE55 THAN 2/3 VALID DATA FDR DAILY MEAN IN DNE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5	****	****	****	****	****	****	****	****	****	****	-	32	40	45	49	50	52	46	42	37	31	28	25	19	******
6	16	15	13	10	6	3	4	6	12	27	-	-	65	88	116	124	112	77	60	50	41	40	42	36	44
7	36	34	32	29	26	26	28	27	26	26	27	32	-	31	36	26	24	17	16	20	22	22	26	25	27
8	26	26	26	24	23	22	22	22	23	25	27	29	32	35	36	37	38	37	36	38	40	41	40	30	31
9	32	31	24	15	13	17	18	23	31	32	36	39	44	46	53	52	51	56	52	47	52	53	60	58	39
10	55	50	50	46	42	40	29	34	37	38	50	53	56	58	61	69	72	69	50	36	31	29	26	17	46
11	11	6	10	21	25	26	24	26	26	26	27	-	36	37	42	40	39	43	46	47	41	34	30	16	30
12	17	20	22	23	22	11	10	12	16	28	42	52	62	63	69	68	64	62	61	63	52	41	46	51	41
13	48	47	45	42	39	39	43	45	46	48	52	-	70	70	75	77	80	78	69	60	50	40	41	48	54
14	53	52	44	41	37	36	33	31	37	26	27	31	29	29	31	30	28	23	21	20	19	18	18	17	30
15	14	14	14	13	14	13	15	17	21	24	25	26	30	36	43	50	45	39	40	40	40	39	40	38	29
16	38	39	35	30	27	25	24	24	27	35	41	53	58	59	68	64	66	67	63	62	58	61	58	59	48
17	60	59	49	46	50	44	43	45	45	45	-	64	76	78	81	84	77	79	80	76	72	71	73	65	64
18	47	43	36	41	51	52	54	51	49	50	53	64	70	74	76	72	71	72	65	62	46	27	19	15	53
19	13	14	15	15	15	15	21	25	28	29	30	-	35	35	37	36	35	35	32	30	27	24	23	26	26
20	27	27	26	25	29	32	34	37	41	46	43	37	40	51	52	50	53	53	56	54	52	45	40	39	41
21	40	37	27	25	25	25	25	31	35	34	34	35	37	43	48	53	46	42	32	25	24	22	19	18	33
22	19	21	21	22	21	19	16	16	14	-	18	21	25	25	31	35	35	32	31	27	25	24	24	22	24
23	21	18	19	14	13	13	14	20	24	27	28	30	32	34	35	38	37	31	24	25	31	27	23	24	25
24	29	23	19	13	17	26	26	25	26	31	36	36	38	43	45	51	51	48	46	50	49	39	36	39	35
25	31	33	27	19	15	15	16	17	21	23	29	-	59	75	84	86	88	77	72	73	77	79	72	67	50
26	59	55	46	35	30	27	27	28	32	38	45	51	58	58	66	71	64	66	66	64	60	57	59	54	51
27	43	44	48	37	31	30	24	32	35	39	43	49	54	64	72	67	65	65	64	63	61	53	40	43	49
28	47	46	38	33	30	32	42	43	40	40	38	-	37	38	40	41	38	35	35	36	35	35	34	33	38
29	29	26	28	21	20	16	17	22	31	38	44	49	51	52	52	49	53	62	59	53	54	51	54	49	41
30	47	49	42	27	23	23	24	24	26	32	38	39	52	61	68	78	68	59	50	46	48	44	43	43	44
MEAN	34	33	30	27	26	25	25	27	30	34	36	41	47	51	56	58	56	53	49	46	44	40	39	37	39.5

PERCENTAGE OF DATA VALID - 83.8 PERCENTAGE OF DATA INVALID - 14.7 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	48	52	46	24	11	16	17	17	19	18	21	-	26	29	41	47	54	48	41	45	48	21	16	13	31
2	10	10	13	15	14	19	19	14	12	16	18	20	29	42	46	48	49	44	35	38	37	32	34	26	27
3	23	22	27	25	19	16	16	16	16	16	18	17	16	21	28	20	25	35	35	35	32	28	27	27	23
4	29	27	26	35	27	26	29	30	32	22	18	18	-	-	30	28	23	19	15	16	18	20	18	19	24
5	21	15	16	15	15	18	23	25	26	27	26	28	29	32	32	31	27	38	34	32	30	27	32	24	26
6	17	15	17	21	21	21	17	21	25	27	30	34	33	37	38	37	39	41	44	46	26	18	18	22	28
7	22	20	18	19	19	18	19	21	22	21	21	-	****	****	****	****	****	****	****	****	****	****	****	****	******
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	24	23	23	22	18	19	20	21	22	21	22	23	27	32	36	35	36	38	34	35	32	24	24	22	26.0

PERCENTAGE OF DATA VALID - 20.4 PERCENTAGE OF DATA INVALID - 79.0 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7	****	****	****	****	****	****	****	****	****	****	****	-	-	-	-	24	23	20	19	18	16	15	13	15	******
8	14	12	12	13	12	12	10	9	8	10	12	11	10	10	10	11	12	11	12	10	11	12	13	9	11
9	7	9	9	11	14	16	15	14	13	11	8	-	16	18	14	7	10	15	15	18	20	20	26	18	14
10	11	5	1	2	1	1	3	6	10	14	15	18	19	20	22	21	18	16	16	17	19	20	21	19	13
11	18	16	16	16	13	13	12	13	14	12	8	18	22	23	23	24	24	25	25	25	24	25	25	23	19
12	22	19	18	19	20	19	18	19	21	23	20	-	16	16	20	14	13	21	23	15	22	23	18	12	19
13	14	14	10	7	9	8	9	10	10	7	6	5	7	9	12	15	19	19	19	19	17	17	16	14	12
14	16	14	13	11	17	21	21	20	19	21	26	26	27	27	28	29	28	28	27	24	23	24	23	21	22
15	20	20	20	19	24	21	15	15	17	13	11	7	-	12	17	14	7	7	8	8	10	12	17	19	14
16	23	26	28	30	31	32	33	33	32	33	34	35	36	37	37	34	31	28	26	21	22	21	21	19	29
17	19	18	18	18	16	16	15	15	15	17	20	21	22	23	25	26	27	26	26	26	25	27	27	27	21
18	26	22	20	18	17	17	17	19	19	23	25	28	33	36	40	41	41	41	40	37	40	40	35	23	29
19	3	1	1	1	1	1	1	6	22	33	38	40	-	42	44	44	48	51	53	54	51	46	48	46	29
20	39	35	40	46	46	39	32	22	17	17	18	20	21	22	23	23	21	18	16	13	13	17	18	18	25
21	17	17	20	17	17	16	17	18	18	21	21	21	-	19	19	16	11	8	8	8	6	5	4	6	14
22	16	40	40	38	42	32	37	33	42	47	51	55	58	60	55	47	43	41	43	44	45	47	51	51	44
23	38	37	43	33	24	23	17	21	30	35	42	43	44	34	35	36	31	29	21	19	19	19	19	12	29
24	13	10	8	5	8	7	13	15	14	14	15	23	24	26	26	28	26	31	27	26	26	26	26	25	19
25	19	25	23	21	19	17	18	14	20	18	15	15	17	15	14	11	5	1	1	1	2	2	4	6	13
26	7	9	14	25	35	41	43	43	45	41	-	-	25	30	31	30	29	28	24	25	23	19	18	19	27
27	21	21	21	20	19	19	22	21	21	20	22	23	-	-	24	26	26	22	23	23	24	23	20	18	22
28	14	13	9	8	17	16	17	25	24	23	21	22	25	22	21	22	20	17	17	19	17	19	20	19	19
29	15	15	15	13	12	12	12	12	13	14	16	15	15	15	15	15	15	15	17	17	16	16	16	17	15
30	15	15	18	18	18	17	17	16	18	17	15	-	20	22	20	21	18	18	18	19	21	21	18	17	18
MEAN	18	18	18	18	19	18	18	18	20	21	21	23	24	24	25	24	23	22	22	21	21	22	22	20	20.8

PERCENTAGE OF DATA VALID - 76.5 PERCENTAGE OF DATA INVALID - 21.5 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	18	18	16	14	15	14	13	10	8	12	12	10	10	13	13	10	9	1	4	8	10	14	12
2	16	21	23	23	23	22	24	24	25	26	27	29	31	33	36	36	36	34	34	34	33	33	35	33	29
3	26	26	25	20	28	24	24	26	24	21	21	19	23	22	26	25	24	21	15	12	12	11	14	14	21
4	12	13	13	10	10	9	7	8	10	11	14	18	20	22	25	26	27	27	23	23	21	18	17	17	17
5	13	2	0	1	5	8	13	14	17	18	18	20	23	27	34	36	35	34	32	33	35	29	36	42	22
6	37	39	40	37	36	33	27	23	19	15	14	****	-	18	18	18	14	12	10	15	12	13	19	19	22
7	9	8	17	19	20	13	11	11	11	9	9	9	10	12	12	11	10	10	17	13	6	2	0	4	11
8	11	15	18	20	23	23	23	23	23	22	22	22	24	24	24	25	25	24	22	20	19	17	15	14	21
9	14	13	14	14	14	15	17	17	18	7	11	11	11	11	10	10	12	12	13	13	9	8	7	6	12
10	5	5	4	4	4	3	3	3	5	9	10	-	16	17	18	19	23	25	25	22	17	12	11	10	12
11	9	10	11	13	13	15	18	18	20	15	20	22	27	30	33	35	34	31	31	30	27	26	26	25	22
12	24	26	26	29	29	28	25	21	14	12	15	16	-	18	18	19	18	19	20	20	19	19	17	16	20
13	16	16	14	6	2	1	5	9	9	6	5	-	-	-	13	15	18	17	18	18	21	23	24	19	13
14	13	13	13	15	8	7	10	15	15	17	18	20	21	19	18	18	18	20	17	16	15	16	16	16	16
15	15	14	12	13	12	11	5	2	3	8	12	13	15	15	17	21	20	15	6	0	0	2	3	4	10
16	3	4	2	2	2	2	2	3	7	10	11	11	7	8	8	-	-	26	24	22	21	20	19	20	11
17	23	23	23	25	25	25	24	25	25	26	25	25	27	27	26	22	24	24	20	19	14	8	10	16	22
18	18	17	16	12	10	8	11	10	9	12	17	17	19	18	18	16	16	16	17	12	4	5	7	10	13
19	10	11	12	9	0	1	0	0	3	7	10	12	11	-	****	****	****	****	****	****	****	****	****	****	******
20												- DATA INVALID -													
21	****	****	****	****	****	****	****	****	****	****	****	****	-	20	21	22	18	19	19	18	16	15	15	14	******
22	14	12	12	10	9	6	5	5	6	6	9	11	10	10	10	10	10	10	10	9	6	4	6	9	9
23	10	10	8	10	11	13	13	12	12	15	16	19	19	18	17	15	13	13	10	10	11	10	11	12	13
24	8	9	10	10	10	10	9	9	8	-	9	9	10	10	8	11	11	10	13	5	1	2	3	3	8
25	3	3	4	4	3	3	3	4	5	8	11	15	16	16	17	18	18	18	19	19	18	19	18	19	12
26	19	19	20	21	21	21	20	20	20	21	21	22	22	22	23	23	21	20	17	15	13	12	15	14	19
27	10	15	17	17	17	18	22	24	25	25	-	23	25	26	29	29	28	26	24	24	24	25	25	25	23
28	23	23	22	19	19	19	25	25	25	25	25	24	24	21	19	17	5	3	5	3	3	1	0	2	16
29	7	11	14	15	15	15	15	16	14	12	14	14	14	14	13	11	8	3	2	2	0	0	0	0	10
30	0	0	1	1	1	0	1	2	10	14	14	15	18	20	20	21	-	21	22	23	23	23	24	24	13
31	24	24	24	23	24	24	25	26	27	28	28	28	28	29	29	27	27	25	23	23	23	22	23	23	25
MEAN	14	14	15	14	14	13	14	14	15	15	16	18	19	19	20	20	19	19	18	16	15	14	15	15	16.0

PERCENTAGE OF DATA VALID - 91.9 PERCENTAGE OF DATA INVALID - 6.3 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	20.9	30	38
FEB	6	25.0	32	49
MAR	29	30.0	38	76
APR	30	30.2	46	77
MAY	31	38.2	58	108
JUN	30	63.5	198	297
JUL	7	40.8	61	114
AUG	4	31.5	38	65
SEP	25	39.5	64	124
OCT	6	26.0	31	54
NOV	23	20.8	44	60
DEC	28	16.0	29	42
YEAR	250	32.5	198	297

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	56	610	63	0	0	0	0	0	729
FEB	15	98	46	0	0	0	0	0	159
MAR	16	350	303	34	0	0	0	0	703
APR	6	400	288	14	0	0	0	0	708
MAY	0	254	358	106	10	2	0	0	730
JUN	7	140	199	213	42	35	25	39	700
JUL	17	60	47	53	7	5	0	0	189
AUG	12	42	29	19	0	0	0	0	102
SEP	8	208	235	143	6	2	1	0	603
OCT	2	108	40	2	0	0	0	0	152
NOV	74	389	77	11	0	0	0	0	551
DEC	192	460	32	0	0	0	0	0	684
YEAR	405	3119	1717	595	65	44	26	39	6010

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
68.6	0	12.4	20.5	26.7	35.1	55.1	68.8	96.0	124.0	297	32.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	12	15	11	3	0	0	0	2	6	8	9	9	8	3	3	0	0	1	3	4	10	12	13	6
2	16	17	19	19	20	21	21	20	19	17	16	17	18	17	21	19	21	22	22	22	20	21	20	18	19
3	16	14	12	12	12	12	10	10	11	-	13	15	16	18	18	18	17	18	18	18	18	17	15	16	15
4	18	17	16	15	17	17	17	18	18	17	17	18	18	18	18	15	14	12	13	11	12	15	18	19	16
5	21	22	22	22	22	21	22	21	20	20	****	20	21	21	21	17	16	12	10	10	8	9	9	7	17
6	5	3	3	4	4	2	1	0	4	10	17	20	20	21	21	21	22	20	22	21	22	21	21	20	14
7	19	19	17	16	14	13	8	8	9	12	15	18	18	18	15	8	5	8	7	4	9	10	13	13	12
8	16	17	16	15	15	13	13	17	17	19	21	****	25	25	26	25	22	21	19	14	15	15	14	12	18
9	10	11	12	17	19	18	17	16	17	18	19	20	20	19	19	18	16	14	13	12	12	12	12	11	16
10	10	8	7	10	11	13	14	12	13	16	19	23	19	19	20	23	24	22	22	24	20	14	5	6	16
11	8	11	17	13	13	15	15	5	4	10	12	****	25	27	28	28	27	20	14	14	14	6	9	2	15
12	13	14	17	19	7	6	4	5	9	15	19	23	27	28	29	27	23	12	7	10	8	7	3	0	14
13	0	0	0	0	0	3	8	7	8	9	12	13	14	15	15	10	8	5	4	5	5	4	4	3	6
14	4	6	8	5	4	3	2	1	9	17	19	21	22	23	26	26	25	25	24	25	24	24	24	23	16
15	24	24	24	24	24	25	24	22	21	20	20	21	23	24	23	23	22	21	22	22	21	21	19	16	22
16	9	8	9	12	13	12	11	9	10	15	18	19	23	25	26	26	25	16	13	12	15	17	17	14	16
17	12	10	13	11	6	4	1	0	5	10	9	8	****	12	12	10	12	19	20	24	24	23	21	22	13
18	24	23	23	21	23	23	21	20	19	22	26	29	31	31	31	30	28	19	19	18	11	10	5	5	21
19	0	0	0	5	0	2	1	0	3	5	10	****	25	26	26	21	14	12	8	11	11	11	15	12	9
20	10	8	6	3	6	8	6	5	3	5	9	11	13	11	10	7	9	2	0	0	0	5	3	0	6
21	2	1	2	6	6	0	0	0	1	11	14	18	21	22	23	24	24	19	19	21	22	23	21	18	13
22	17	17	17	19	21	22	22	21	21	21	24	25	27	27	28	29	****	25	26	26	25	23	23	25	23
23	26	23	21	18	22	24	24	22	22	24	27	29	32	32	35	33	25	17	11	3	2	2	3	2	20
24	4	8	10	5	7	9	7	9	11	12	16	16	16	17	16	16	16	17	17	20	20	18	17	17	13
25	16	16	17	18	18	12	18	18	17	15	18	24	25	27	28	26	22	21	21	24	25	24	23	23	21
26	25	25	25	24	24	24	23	22	22	23	24	26	26	26	****	****	23	22	22	22	19	18	18	19	23
27	19	21	21	20	21	22	22	22	20	20	19	20	24	24	24	23	21	20	17	10	4	1	1	1	17
28	1	1	1	2	8	12	16	18	19	19	21	22	22	22	22	20	20	21	21	21	21	22	23	24	17
29	24	24	24	24	24	24	24	24	24	24	25	25	25	25	25	25	****	24	25	25	27	27	28	28	25
30	28	28	29	29	29	29	28	25	25	27	28	29	30	30	30	30	30	29	29	29	29	28	28	28	29
31	27	28	28	27	26	27	27	25	24	27	27	28	30	31	31	30	29	27	26	28	28	28	28	27	28
MEAN	14	14	15	14	14	14	14	13	14	16	18	20	22	22	22	21	19	17	17	16	16	16	15	14	16.6

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	27	27	27	28	27	28	28	28	28	29	29	31	31	31	31	30	28	****	****	28	29	29	29	29
2	30	30	30	30	30	31	30	27	28	30	32	33	34	34	35	35	33	29	27	21	22	23	21	17	29
3	20	19	17	16	15	11	11	8	12	18	20	25	29	31	31	32	32	21	16	21	14	12	23	29	20
4	29	28	26	22	18	13	13	20	36	41	****	44	44	43	45	45	45	44	43	41	39	36	32	32	34
5	32	32	29	28	30	33	33	31	31	31	29	30	31	31	31	31	33	34	34	32	30	25	25	25	30
6	25	23	22	17	17	15	13	11	13	17	21	27	30	34	29	15	26	24	29	26	26	28	23	13	22
7	9	9	9	9	8	10	13	6	12	20	24	27	32	34	32	27	24	19	8	5	7	8	12	25	16
8	39	38	33	34	34	36	36	34	33	34	35	35	37	38	38	38	36	32	27	27	29	29	27	25	34
9	24	24	28	28	26	26	27	25	25	30	30	32	34	35	37	38	35	****	32	27	25	23	22	26	29
10	26	23	27	27	26	24	24	20	25	29	36	37	37	32	30	31	31	32	32	30	26	28	27	22	28
11	21	18	10	6	11	8	2	3	12	14	16	25	29	31	31	30	28	25	20	25	23	17	16	16	18
12	17	17	19	5	11	9	3	10	16	19	23	15	17	15	31	30	27	23	5	1	12	24	23	25	17
13	21	7	12	8	8	5	8	4	9	14	21	23	25	25	28	28	****	****	20	20	15	11	15	10	15
14	6	1	6	13	22	3	0	0	4	7	12	24	27	27	28	27	22	14	19	16	25	24	23	20	15
15	19	23	23	31	31	33	26	25	30	31	32	33	34	34	35	36	36	35	35	35	35	37	36	33	32
16	35	35	34	36	18	10	24	26	27	28	32	31	34	35	37	37	37	34	34	35	33	31	28	34	31
17	36	31	19	13	12	7	9	13	12	21	27	30	30	29	30	26	24	18	15	16	15	12	8	2	19
18	2	2	1	2	2	3	8	9	15	28	34	35	36	37	38	38	38	38	36	33	29	23	20	17	22
19	16	15	15	14	13	11	6	8	8	13	21	29	35	42	****	40	41	37	36	36	31	29	33	31	24
20	29	29	36	39	42	41	25	15	23	30	40	44	44	40	47	50	51	46	42	37	35	26	22	16	35
21	15	11	8	5	4	2	1	4	11	24	30	25	30	29	28	28	28	28	30	31	35	35	40	49	22
22	50	48	48	47	46	46	45	45	43	41	43	45	48	50	****	54	39	34	28	16	18	24	28	28	40
23	24	24	24	24	28	28	25	21	20	22	30	35	35	34	33	32	32	30	11	16	16	19	19	15	25
24	10	7	5	17	24	25	22	19	20	****	26	32	37	35	31	35	35	30	23	19	20	19	20	21	23
25	21	15	12	12	13	16	21	21	20	27	32	31	32	32	34	34	33	34	35	36	36	36	34	33	27
26	34	33	33	32	30	30	32	31	22	19	25	24	26	29	26	26	26	12	27	25	2	9	22	27	25
27	23	12	16	24	24	24	27	26	27	28	32	38	39	****	****	39	39	38	34	34	32	29	28	26	29
28	23	25	27	29	26	26	25	25	25	31	38	43	48	52	50	51	46	43	41	34	26	27	30	34	34
MEAN	24	22	21	21	21	20	19	18	21	25	29	31	34	34	34	34	34	30	27	26	24	24	25	24	25.9

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	34	5	17	22	18	19	12	11	14	20	23	22	21	22	21	20	16	20	21	22	21	13	2	5	18
2	6	9	22	23	21	16	20	28	30	28	32	32	31	****	34	32	31	32	26	23	21	21	26	27	25
3	26	17	2	2	2	3	4	11	18	23	27	30	39	44	30	31	22	17	16	37	35	32	33	33	22
4	36	37	37	35	35	35	36	37	39	41	41	42	42	41	41	40	39	37	34	32	31	31	27	22	36
5	25	25	24	24	24	25	26	30	34	39	39	39	40	38	38	37	37	33	30	28	28	28	24	25	31
6	26	27	27	26	26	23	26	28	23	23	26	27	33	37	****	34	33	37	37	36	34	33	30	24	29
7	22	22	20	20	23	26	24	22	23	****	****	****	****	38	41	40	38	38	39	37	39	39	31	21	30
8	23	25	17	16	10	0	1	7	8	16	27	33	****	41	42	38	39	37	27	21	15	12	9	3	20
9	0	3	8	8	9	9	10	11	15	23	34	****	****	****	****	****	****	****	****	****	****	****	****	****	******
10												- DATA INVALID -													
11												- DATA INVALID -													
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	28	24	26	28	29	******
13	27	26	21	18	18	18	17	16	16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
14												- DATA INVALID -													
15	****	****	****	32	32	32	32	31	30	30	30	30	30	****	****	****	****	****	****	28	28	26	25	26	******
16	28	29	28	24	21	19	17	17	19	23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	5	16	6	2	******
18	6	8	6	3	1	1	1	5	8	9	22	39	50	60	66	66	60	52	42	35	31	23	31	34	27
19	30	28	24	23	27	27	29	30	31	32	32	33	35	35	35	36	36	36	37	35	34	41	39	35	33
20	31	33	32	26	12	3	1	3	10	19	32	40	41	****	39	39	37	30	31	31	28	29	20	3	25
21	0	8	11	2	6	2	3	11	19	18	23	34	43	44	44	38	34	26	4	6	13	17	6	1	17
22	7	6	0	1	1	1	1	4	10	22	29	36	42	46	48	49	46	46	44	29	27	27	26	23	24
23	28	39	37	41	42	36	29	24	27	****	52	49	52	58	54	40	33	48	53	****	****	40	37	35	41
24	34	32	31	31	29	28	27	30	31	31	33	36	40	39	****	****	****	29	29	28	26	23	21	****	30
25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	25	26	27	27	26	24	23	23	19	17	******
26	17	18	21	22	22	22	22	22	****	****	****	****	****	****	****	****	****	****	****	33	32	31	32	33	******
27	34	33	33	34	34	31	30	30	32	33	35	****	34	35	35	35	36	36	35	34	33	32	30	27	33
28	24	23	24	21	21	21	22	26	28	30	32	31	40	42	44	46	36	28	30	27	25	24	24	24	29
29	22	24	25	28	27	27	26	27	28	28	28	29	28	30	32	12	3	2	2	2	2	5	8	8	19
30	5	4	10	12	4	4	3	6	23	28	26	30	****	****	****	****	33	36	36	36	31	34	34	32	21
31	35	****	****	32	31	30	28	26	24	****	****	26	27	29	28	28	28	26	25	25	25	26	27	22	27
MEAN	22	21	21	21	20	18	18	20	23	26	31	34	37	40	39	36	33	32	30	27	25	26	24	21	26.1

PERCENTAGE OF DATA VALID - 71.8 PERCENTAGE OF DATA INVALID - 28.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	25	22	17	30	35	33	34	32	32	32	31	31	30	29	28	28	28	28	27	27	28	26	27	29
2	27	27	25	23	21	18	15	9	4	3	15	****	35	29	26	-	****	****	****	****	****	****	****	****	******
3	****	****	****	****	****	****	30	29	28	28	30	31	35	37	38	38	37	36	33	32	31	29	14	8	30
4	11	14	12	3	0	0	10	18	19	22	****	****	****	****	****	****	****	****	****	****	****	22	20	16	******
5	16	19	23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- OATA INVALID -													
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	30	31	31	30	30	30	30	29	27	******
10	25	28	31	32	32	30	31	31	31	34	36	40	41	41	46	50	46	42	38	34	31	28	22	15	34
11	5	12	13	14	13	9	11	18	26	29	34	39	-	45	43	42	38	34	34	36	37	37	36	36	28
12	36	32	30	27	28	28	29	27	28	30	32	33	33	33	32	32	32	32	34	33	36	35	32	27	31
13	28	34	40	40	37	34	25	26	28	30	-	32	34	31	29	25	22	16	19	22	19	19	17	8	27
14	13	17	23	26	26	24	39	39	36	36	36	38	40	40	40	41	44	47	44	41	42	39	37	31	35
15	32	34	33	32	32	33	33	32	32	31	31	31	34	35	35	34	34	35	34	34	34	32	31	29	33
16	29	29	29	28	27	25	24	22	21	20	20	22	26	27	29	31	32	29	27	25	25	26	28	26	26
17	27	26	25	22	24	23	19	18	21	26	34	38	38	-	37	36	36	37	36	34	32	32	31	32	30
18	30	27	27	27	26	25	25	30	32	36	38	40	41	42	42	42	43	35	30	29	30	34	32	32	33
19	32	27	28	23	24	24	21	21	23	-	39	42	44	45	47	47	46	-	-	-	-	-	-	-	33
20												- OATA UNAVAILABLE -													
21												- OATA UNAVAILABLE -													
22												- OATA UNAVAILABLE -													
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	57	49	47	46	44	40	33	******
24	31	29	28	33	35	25	11	14	18	38	44	48	56	62	31	38	48	40	31	9	19	23	27	29	32
25	26	21	22	14	9	13	15	16	19	33	42	45	55	62	66	-	69	66	62	60	61	60	57	59	41
26	60	51	41	36	37	38	34	35	37	38	38	40	44	42	42	41	43	44	43	43	41	41	37	29	41
27	27	22	17	18	16	18	18	19	19	19	20	22	24	23	22	24	23	22	20	21	22	22	23	22	21
28	21	21	23	-	26	26	27	26	27	19	20	21	20	25	27	31	34	31	32	28	23	20	21	25	25
29	29	27	26	26	29	28	27	28	28	30	31	31	34	33	33	34	35	34	31	31	31	30	29	28	30
30	25	20	22	24	25	23	19	22	26	27	28	26	27	33	35	35	35	35	34	33	30	28	23	23	27
MEAN	26	26	26	24	25	24	24	24	25	28	32	34	36	38	36	36	39	37	34	32	32	31	29	27	3D 2

PERCENTAGE OF DATA VALID - 67.2 PERCENTAGE OF DATA INVALID - 18.6 PERCENTAGE OF DATA UNAVAILABLE - 14.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	24	24	25	25	25	26	26	****	****	27	28	30	34	34	34	34	34	34	31	27	27	23	14	28
2	17	17	21	16	10	11	11	17	20	26	32	37	36	35	36	34	34	38	38	38	38	31	23	23	27
3	29	30	30	23	26	27	27	24	16	15	15	13	25	38	39	35	37	35	36	38	38	34	32	34	29
4	31	31	28	28	27	26	24	27	28	28	30	32	32	-	29	27	26	24	26	24	21	24	23	21	27
5	24	25	26	28	28	27	27	28	30	31	35	36	39	40	33	34	34	30	34	-	-	-	-	-	31
6												- OATA UNAVAILABLE -													
7												- OATA UNAVAILABLE -													
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	66	70	75	64	62	62	63	******
9	66	59	49	34	34	28	23	28	32	36	40	40	38	36	36	35	35	35	37	39	37	32	28	26	37
10	31	40	46	43	39	35	26	31	47	53	62	62	58	52	49	41	37	38	37	38	35	28	25	22	41
11	19	18	14	10	11	12	14	17	25	27	35	35	50	46	-	55	55	56	61	57	56	53	55	51	36
12	40	41	42	36	29	24	23	29	30	31	34	42	45	44	44	42	46	32	20	22	18	15	25	28	33
13	21	19	19	20	20	21	22	22	23	24	27	28	28	26	28	31	33	34	30	31	35	38	35	32	27
14	28	25	28	29	26	22	25	25	27	32	35	36	39	-	49	47	44	43	42	43	43	36	32	30	34
15	35	32	34	29	29	32	34	31	35	40	40	39	39	42	44	44	41	39	40	40	37	33	20	23	36
16	26	29	32	29	28	26	24	23	25	27	29	30	36	35	34	35	36	36	35	30	19	19	17	8	28
17	2	4	11	9	8	7	11	17	-	34	41	43	43	43	45	46	47	49	47	36	27	18	12	14	27
18	14	9	6	4	7	5	6	11	23	30	41	53	66	69	71	65	61	60	58	47	28	25	19	38	34
19	29	27	29	34	25	17	22	29	33	35	33	33	35	37	40	44	41	40	26	20	24	19	9	15	29
20	27	33	35	35	34	32	31	32	31	37	40	40	43	46	-	63	63	64	59	57	51	28	13	8	39
21	23	49	49	47	43	43	31	34	35	37	38	28	27	26	25	25	27	26	23	24	21	17	20	24	31
22	21	17	18	18	18	16	15	25	28	30	32	33	35	35	36	38	38	36	32	31	31	31	28	17	27
23	19	26	27	29	27	27	25	25	27	-	30	35	41	42	44	49	49	47	34	31	34	38	39	39	34
24	36	32	30	17	12	13	11	13	23	27	26	24	28	27	26	25	27	28	29	26	24	26	27	27	24
25	13	24	25	25	22	19	14	10	10	11	11	14	-	17	13	11	18	18	10	12	10	8	15	21	15
26	22	20	20	18	17	13	13	12	12	11	13	15	19	19	19	24	29	33	34	30	28	25	24	22	21
27	16	15	19	18	18	18	18	19	19	19	24	29	38	43	45	45	43	41	35	35	37	31	29	24	28
28	25	21	18	14	15	16	17	18	24	28	30	32	41	42	39	36	38	40	41	37	33	31	33	30	29
29	25	22	20	18	15	12	7	6	10	-	21	28	29	32	33	34	24	28	29	27	16	12	13	11	21
30	7	13	23	20	21	16	9	16	21	28	37	41	43	46	42	44	47	47	40	38	34	28	22	21	29
31	16	16	18	20	6	2	11	31	43	49	50	56	63	68	70	66	67	65	58	57	57	48	47	48	43
MEAN	25	26	26	24	22	20	20	22	26	30	32	34	39	39	39	40	41	40	38	36	33	29	27	26	30.6

PERCENTAGE OF DATA VALID - 89.4 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 10.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	57	53	53	51	49	43	32	27	-	-	44	50	60	58	70	79	78	80	80	57	32	23	32	30	52
2	26	29	31	29	29	28	24	17	20	28	31	35	39	42	45	46	32	35	33	31	25	22	24	30	30
3	33	31	28	27	28	31	29	29	29	37	45	51	55	57	58	58	54	54	53	53	50	46	44	45	43
4	50	53	54	43	32	30	24	26	34	40	49	52	61	63	64	61	59	57	65	64	59	56	51	46	50
5	46	37	32	27	26	18	20	21	31	30	33	36	44	41	40	37	37	34	24	16	11	10	11	9	28
6	9	9	9	5	5	7	11	13	-	19	20	22	29	31	34	36	36	30	22	19	12	2	3	7	17
7	18	20	20	15	18	17	14	21	33	35	30	49	58	55	33	31	46	29	16	11	1	0	1	10	24
8	29	32	29	19	17	13	13	15	17	20	22	23	24	26	30	30	32	37	37	32	32	25	26	26	25
9	29	30	31	27	24	19	22	32	39	40	45	45	44	43	45	42	43	36	40	42	47	39	37	29	36
10	31	29	22	19	15	14	13	15	17	20	31	40	49	50	46	46	45	45	44	35	27	22	22	22	30
11	21	21	19	19	18	17	16	18	18	21	22	24	28	30	30	30	31	32	30	24	15	9	6	9	21
12	8	9	6	6	8	9	14	19	21	27	30	30	-	30	-	28	27	27	26	26	22	20	17	14	19
13	9	8	7	7	7	8	10	16	13	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
14												- OATA UNAVAILABLE -													
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	75	77	72	66	61	61	******
16	56	52	46	39	37	36	34	42	49	57	64	68	76	76	77	77	77	76	69	66	61	57	58	56	59
17	46	46	54	57	46	43	42	48	53	57	62	62	69	68	66	66	71	85	99	93	51	41	39	30	58
18	32	29	21	20	19	19	19	15	16	18	20	28	37	44	47	49	-	44	39	30	26	20	15	8	27
19	15	10	10	10	3	4	10	18	23	26	29	31	32	32	34	36	35	35	35	27	23	24	21	20	23
20	26	25	22	16	14	19	26	31	37	38	42	44	48	49	52	55	59	61	45	38	51	46	46	49	39
21	47	43	38	33	29	29	26	25	22	22	25	32	39	42	48	-	54	55	52	49	44	39	39	39	38
22	27	24	22	20	18	15	21	24	28	31	31	31	31	25	20	16	17	16	17	18	17	16	18	19	22
23	17	17	19	18	18	17	16	13	13	12	12	13	13	14	15	15	15	15	15	14	13	11	10	9	14
24	10	10	10	10	10	10	13	17	20	21	23	25	27	27	28	30	29	27	23	22	17	13	10	12	19
25	16	14	12	10	8	7	7	12	16	21	22	24	31	32	26	27	29	31	30	26	23	20	20	19	20
26	19	18	18	17	13	11	15	23	-	-	-	41	45	47	49	55	59	69	71	64	55	45	44	48	39
27	53	58	64	46	36	35	33	37	41	47	51	53	68	71	68	53	43	52	55	50	54	57	54	59	52
28	56	68	62	54	53	44	36	39	54	53	68	63	63	59	62	66	66	57	56	53	47	43	35	37	54
29	32	26	27	27	23	22	26	35	36	30	29	34	33	29	24	18	32	43	18	13	14	15	21	24	26
30	20	21	32	25	16	12	17	17	29	38	23	44	34	52	56	-	48	43	41	38	15	32	35	37	32
MEAN	30	29	29	25	22	21	21	24	28	31	35	39	44	44	45	43	44	46	43	39	33	29	29	29	33.2

PERCENTAGE OF DATA VALID - 90.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 9.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	40	37	36	30	26	25	24	23	23	24	25	27	32	29	28	25	19	20	22	20	19	19	18	15	25
2	16	14	13	7	10	18	25	16	12	9	11	13	15	15	16	18	20	24	24	20	18	18	16	17	16
3	19	19	19	18	17	15	15	16	17	22	25	30	36	37	36	36	35	33	28	23	19	15	17	14	23
4	8	5	0	0	1	1	7	17	24	29	27	28	28	26	26	26	27	28	26	24	23	23	23	23	19
5	19	16	17	17	15	11	12	18	21	23	24	27	29	29	30	31	31	29	29	27	19	21	23	21	22
6	18	15	14	13	11	11	14	16	20	26	30	33	-	-	37	39	40	40	39	39	19	21	11	10	23
7	11	8	11	5	5	4	12	15	24	33	37	42	42	45	47	49	43	39	32	29	23	19	18	15	25
8	18	13	11	9	7	6	12	17	40	49	53	54	55	57	59	62	60	70	60	57	43	41	44	49	39
9	43	39	44	45	38	31	22	30	33	40	50	55	57	47	61	65	47	48	45	41	43	43	43	44	44
10	40	36	34	30	24	19	15	13	12	34	43	46	45	****	****	****	****	****	****	****	****	****	****	****	******
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	56	59	49	53	53	48	40	36	32	34	******
12	28	25	26	24	17	12	11	23	46	60	68	72	69	67	-	73	66	74	69	62	58	55	59	54	49
13	52	53	51	45	30	20	29	58	75	63	69	74	110	104	106	118	76	64	58	50	43	39	41	33	61
14	39	22	33	29	22	22	12	11	21	36	49	64	65	61	44	54	57	51	48	44	38	39	41	42	39
15	45	49	53	49	46	54	47	42	49	52	55	52	50	51	50	52	50	46	44	37	39	30	22	15	45
16	12	10	8	5	4	3	5	25	42	47	54	56	-	-	58	51	77	44	34	25	16	13	17	17	28
17	10	1	3	4	6	8	10	14	-	-	-	33	35	30	27	42	45	45	46	34	23	14	6	0	21
18	5	8	8	5	5	4	5	8	11	20	22	36	40	49	54	60	62	53	49	44	41	31	18	15	27
19	13	12	15	11	7	3	5	13	22	34	42	47	-	52	50	53	37	50	51	54	51	41	41	37	32
20	38	40	39	36	31	28	26	48	61	73	81	81	74	76	76	78	-	81	77	62	58	54	46	53	57
21	55	48	41	40	40	34	29	29	46	62	74	84	86	85	91	100	95	89	84	85	82	75	67	58	66
22	50	45	42	45	45	46	44	57	72	81	87	85	85	86	87	-	90	90	87	85	82	83	80	62	70
23	67	75	53	47	43	42	30	52	67	69	73	79	83	80	78	60	43	46	53	72	61	44	41	36	58
24	30	32	31	29	27	23	20	21	24	29	33	34	36	33	-	30	28	31	38	43	39	34	33	31	31
25	27	24	15	10	9	10	11	12	13	15	23	31	38	27	30	35	32	26	23	23	24	21	19	18	22
26	21	19	18	18	19	19	20	23	21	12	13	15	16	16	16	16	17	22	18	18	19	19	23	23	18
27	20	17	15	15	17	16	13	11	12	18	24	30	35	37	38	41	39	38	22	13	18	21	20	18	23
28	17	19	20	20	17	17	13	16	19	23	30	33	32	34	36	30	33	36	38	29	25	20	15	14	24
29	13	9	6	4	5	8	9	9	14	19	27	30	30	35	39	40	41	-	48	41	32	26	21	14	23
30	11	3	4	5	4	2	8	16	20	34	45	47	52	52	50	49	50	55	51	43	42	40	42	42	32
31	39	38	39	40	40	37	29	26	28	32	33	35	38	39	39	35	34	34	31	25	22	21	22	21	32
MEAN	27	25	24	22	20	18	18	23	31	37	42	46	49	48	49	49	46	47	44	41	36	33	31	28	34.5

PERCENTAGE OF DATA VALID - 94.9 PERCENTAGE OF DATA INVALID - 3.4 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	14	16	21	23	25	22	19	17	15	22	25	26	27	29	30	31	33	33	33	26	23	22	18	24
2	19	18	18	-	29	30	24	25	25	27	24	31	33	31	-	-	29	32	30	24	18	22	30	32	26
3	28	27	25	19	19	17	17	19	30	38	41	52	65	58	64	64	66	62	54	42	35	28	30	35	39
4	35	30	31	31	30	28	30	34	38	44	49	47	48	47	48	50	49	46	47	46	48	49	48	42	41
5	40	36	37	37	30	26	25	24	28	33	36	37	39	39	39	39	39	39	41	32	24	23	17	12	32
6	15	14	18	23	21	19	22	21	18	17	18	21	28	33	35	36	36	36	34	27	18	19	14	9	23
7	2	3	8	10	11	4	7	12	18	23	24	16	26	35	32	52	56	56	50	48	42	36	27	27	26
8	22	19	16	17	15	12	12	12	13	15	18	18	19	21	27	32	35	33	29	21	13	11	12	13	19
9	16	13	12	10	7	3	3	10	16	21	25	25	-	-	-	-	-	-	-	-	-	-	-	-	******
10	- OATA UNAVAILABLE -																								
11	- OATA UNAVAILABLE -																								
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	14	16	17	19	******
13	18	6	2	4	7	7	6	15	26	35	39	41	39	42	46	53	52	48	47	45	44	40	42	44	31
14	46	38	31	26	24	21	21	23	25	27	24	22	20	19	19	19	20	22	24	23	21	19	18	18	24
15	16	16	16	16	16	15	14	16	19	19	21	23	23	23	24	24	25	24	21	17	10	10	9	6	18
16	4	4	7	10	8	6	5	7	18	26	29	32	39	43	44	41	37	36	33	26	25	21	18	12	22
17	12	12	11	10	4	4	6	12	29	32	33	34	36	31	****	****	****	****	****	****	****	****	****	****	******
18	- OATA INVALIO -																								
19	- OATA INVALID -																								
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	33	27	21	8	11	12	26	******
21	33	28	13	3	1	2	4	12	23	34	38	44	44	43	49	51	51	48	46	38	22	1	5	16	27
22	13	0	1	1	2	2	3	9	16	30	48	58	58	62	79	65	62	59	47	39	31	22	18	18	31
23	23	26	30	30	26	23	25	24	21	16	22	27	-	40	46	44	49	49	49	44	40	34	29	26	32
24	25	19	13	16	18	20	22	23	21	22	23	23	26	31	39	40	44	49	51	46	40	34	44	38	30
25	30	26	24	24	21	19	16	18	23	25	27	28	32	40	43	38	37	35	34	31	28	23	22	20	28
26	13	3	2	2	11	3	5	9	14	21	26	34	38	34	31	31	30	27	23	19	14	14	19	11	18
27	23	23	24	23	30	25	15	16	30	36	35	39	43	59	****	****	****	****	****	****	****	****	****	****	******
28	- DATA INVALID -																								
29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	49	48	45	45	41	41	35	30	******
30	25	25	21	18	18	20	19	23	28	34	39	44	44	52	53	48	41	36	31	25	23	23	21	14	30
31	14	14	11	8	5	4	3	5	15	25	38	53	59	49	53	51	47	44	41	31	10	3	0	8	25
MEAN	21	18	17	16	16	15	14	17	22	27	30	34	37	39	42	43	42	41	38	33	26	23	22	21	26.9

PERCENTAGE OF DATA VALID - 72.0 PERCENTAGE OF DATA INVALID - 16.8 PERCENTAGE OF DATA UNAVAILABLE - 11.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	13	10	9	7	5	6	12	22	32	43	53	68	65	78	81	76	73	64	58	54	55	54	46	42
2	41	36	34	30	29	28	26	24	27	29	28	29	33	32	34	35	36	36	38	37	35	31	31	30	32
3	30	27	25	21	18	18	16	19	27	31	29	28	28	30	32	33	34	33	26	17	6	3	2	2	22
4	7	8	4	2	2	2	4	7	13	16	22	27	31	****	****	43	45	36	31	23	16	17	13	18	18
5	16	8	2	4	4	6	7	7	10	22	27	32	45	55	57	54	47	48	49	35	40	22	28	30	27
6	38	14	1	2	4	5	3	5	10	27	40	59	59	58	-	-	54	53	55	39	37	30	25	22	29
7	18	17	16	17	18	13	9	14	9	12	13	13	-	18	22	9	6	7	4	8	13	16	17	16	13
8	12	10	16	17	12	13	13	12	13	22	21	22	22	24	25	26	27	25	22	21	18	15	12	3	18
9	1	2	8	4	2	1	3	8	15	22	26	26	32	33	37	39	42	43	41	38	32	27	26	28	22
10	32	33	35	34	31	26	25	25	27	36	39	42	44	44	44	46	49	40	32	16	6	10	12	5	31
11	4	5	13	8	16	15	3	7	17	22	23	24	-	29	33	36	38	40	38	32	30	23	22	17	22
12	12	10	12	9	8	7	6	7	14	19	23	26	39	38	43	43	45	48	40	29	29	27	23	20	24
13	21	22	23	26	30	38	37	39	44	38	40	52	56	59	52	53	62	61	55	49	43	37	35	36	42
14	39	42	39	35	35	32	30	23	27	28	22	22	22	21	24	24	24	22	17	14	13	11	9	8	24
15	6	8	9	7	7	6	5	10	14	18	20	19	22	24	26	28	29	28	26	22	19	19	19	18	17
16	17	14	14	14	14	13	9	11	16	****	****	****	****	****	40	39	42	45	40	35	32	32	32	27	26
17	23	26	26	25	26	20	13	17	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	66	64	48	43	35	20	15	12	******
19	11	13	15	16	19	15	12	15	19	24	27	27	30	32	33	34	33	30	22	14	16	14	6	3	20
20	5	5	4	1	2	2	8	12	17	24	28	31	36	32	36	40	-	42	40	35	34	33	33	35	23
21	29	25	23	22	20	15	14	17	21	28	30	35	41	41	44	36	32	14	11	9	12	14	14	13	23
22	13	13	15	15	13	12	10	7	8	11	16	22	24	28	28	30	29	24	19	16	14	14	14	8	17
23	5	7	5	1	1	3	3	11	17	21	23	24	25	26	26	26	28	27	18	14	21	19	18	14	16
24	10	6	9	12	13	9	8	11	19	24	29	36	44	45	47	50	51	50	42	36	34	36	29	20	28
25	8	17	19	18	18	14	12	11	11	18	24	30	35	41	51	57	59	56	50	43	48	46	41	36	32
26	31	26	28	25	23	19	12	13	18	22	29	34	40	45	49	-	38	40	41	35	28	16	15	10	28
27	9	20	18	6	7	8	8	18	17	25	30	33	32	23	22	40	54	51	44	35	36	44	40	26	27
28	24	25	30	33	30	28	27	31	35	35	34	32	35	39	39	42	42	34	31	26	23	18	18	17	30
29	12	11	11	21	21	22	15	16	37	44	43	44	51	****	****	****	54	46	39	32	32	35	32	15	30
30	18	14	15	12	16	9	15	27	22	24	33	48	44	50	57	59	57	59	49	43	40	30	22	14	32
MEAN	17	16	17	15	15	14	12	15	20	25	28	32	38	37	39	41	43	41	36	29	27	25	23	19	25.7

PERCENTAGE OF DATA VALID - 93.6 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 5.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	18	17	15	16	14	12	10	9	8	6	7	10	15	17	25	27	27	16	8	6	16	17	20	15
2	16	3	0	1	4	6	1	2	-	-	14	17	24	26	31	28	28	28	27	29	28	27	27	28	18
3	23	21	19	17	12	11	8	8	13	9	8	6	9	7	-	-	-	-	-	-	-	-	-	-	******
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	7	4	6	8	10	******
5	10	7	6	7	5	6	7	8	10	-	21	22	28	25	20	14	12	17	25	22	20	15	17	20	15
6	20	13	13	11	8	9	10	10	10	12	14	17	19	20	29	31	26	20	20	22	29	23	13	11	17
7	11	13	12	15	16	15	15	14	15	15	15	15	15	14	14	15	15	15	16	15	15	13	12	16	14
8	12	13	14	15	14	13	11	13	19	23	23	23	21	20	21	20	16	15	11	9	7	8	8	12	15
9	****	14	20	22	22	20	11	14	14	20	21	23	24	26	27	27	25	20	13	17	14	14	10	7	18
10	5	0	0	5	2	1	4	5	9	19	21	23	25	23	25	28	28	27	18	12	11	13	14	14	14
11	12	12	13	13	11	10	8	8	10	15	22	23	24	22	17	11	24	22	23	22	18	17	20	19	17
12	18	17	17	13	5	7	7	6	9	15	17	19	20	20	18	14	12	12	9	10	11	16	19	19	14
13	17	15	14	14	14	13	13	14	13	15	18	19	19	19	19	19	18	19	14	13	13	12	13	14	15
14	14	13	10	12	14	15	14	13	17	20	22	24	25	25	25	25	24	23	19	17	17	17	20	19	19
15	19	18	17	16	16	14	9	8	8	10	11	15	18	18	20	23	24	19	19	16	16	16	6	15	15
16	20	20	19	14	15	15	13	9	12	19	22	23	24	25	27	26	25	19	11	11	12	10	4	2	17
17	1	1	1	0	0	0	0	0	-	-	3	7	****	****	****	****	****	****	****	****	****	****	****	****	******
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	14	12	12	12	11	11	9	9	12	15	16	18	20	20	22	22	22	20	17	15	15	15	14	15	15.2

PERCENTAGE OF DATA VALID - 48.7 PERCENTAGE OF DATA INVALID - 20.0 PERCENTAGE OF DATA UNAVAILABLE - 31.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	16.6	29	35
FEB	28	25.9	40	54
MAR	20	26.1	41	66
APR	19	30.2	41	69
MAY	28	30.6	43	75
JUN	27	33.2	59	99
JUL	29	34.5	70	118
AUG	20	26.9	41	79
SEP	28	25.7	42	81
OCT	14	15.2	19	31
YEAR	244	26.9	70	118

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	182	543	9	0	0	0	0	0	734
FEB	66	362	229	4	0	0	0	0	661
MAR	77	255	192	10	0	0	0	0	534
APR	13	239	215	17	0	0	0	0	484
MAY	28	328	261	48	0	0	0	0	665
JUN	51	284	195	121	3	0	0	0	654
JUL	60	290	217	109	26	4	0	0	706
AUG	63	278	165	30	0	0	0	0	536
SEP	108	330	191	44	1	0	0	0	674
OCT	88	272	2	0	0	0	0	0	362
YEAR	736	3181	1676	383	30	4	0	0	6010

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
82.4	0	8.6	17.9	24.9	31.8	45.4	54.3	65.2	74.6	118	26.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	20	20	0	0	0	6	13	15	13	11	11	9	7	7	9	8	12	16	15	17	22	24	25	12
2	29	29	31	31	26	24	7	6	6	14	19	15	****	15	10	18	20	23	26	32	30	29	29	28	22
3	27	24	16	10	14	16	13	14	14	18	25	25	23	20	20	23	16	14	18	18	18	19	21	23	19
4	26	24	23	22	24	24	20	18	17	21	24	31	34	26	27	24	19	15	19	26	29	31	34	29	24
5	32	29	31	29	25	28	20	18	15	24	31	32	31	31	27	17	10	6	2	0	0	0	2	2	18
6	0	0	0	0	0	2	3	0	3	12	21	26	29	35	32	28	23	21	22	24	23	21	19	17	15
7	13	9	9	4	2	2	0	0	3	6	8	6	4	5	5	15	7	8	9	8	10	11	12	8	7
8	12	15	17	17	24	20	17	12	18	27	31	34	35	31	31	25	17	14	13	13	7	14	11	28	20
9	21	13	10	5	14	12	9	12	13	17	20	23	22	18	18	16	10	3	3	2	0	0	0	0	11
10	3	8	12	13	12	14	10	15	14	22	23	20	25	31	30	30	24	10	2	2	9	14	2	2	14
11	3	4	5	10	3	7	2	5	9	15	18	23	31	34	32	30	26	10	3	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	6	8	10	12	16	7	5	3	0	0	0	0	0	0	0	3
13	0	0	0	0	0	0	0	0	2	6	6	5	6	5	3	3	0	0	0	0	10	9	4	0	2
14	0	0	0	0	0	0	0	16	26	29	30	30	32	39	37	34	31	31	35	35	34	35	35	36	23
15	36	34	31	33	35	36	31	30	22	19	30	31	28	26	23	20	17	14	12	11	11	15	17	17	24
16	18	17	15	12	12	10	6	0	3	13	25	30	35	29	36	34	19	6	2	0	0	0	0	0	13
17	0	0	0	0	0	0	0	0	0	3	7	7	5	4	6	6	9	13	19	25	26	26	29	28	9
18	30	26	29	30	31	26	22	13	12	25	33	31	31	35	36	18	15	2	2	5	6	7	0	0	19
19	7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
20												- OATA INVALIO -													
21												- OATA INVALIO -													
22												- OATA INVALIO -													
23	****	****	****	****	****	****	****	****	****	****	23	21	16	9	18	14	14	9	15	16	16	8	6	3	******
24	4	8	6	10	13	12	8	4	2	12	9	10	17	15	12	5	4	3	0	3	10	10	5	3	8
25	7	6	11	16	19	24	8	7	4	4	11	14	14	6	5	24	19	11	23	24	25	30	24	24	15
26	24	30	31	27	30	26	17	20	13	15	19	18	19	11	17	18	11	16	22	12	20	13	14	15	19
27	19	23	28	29	27	25	21	14	11	15	17	17	15	16	12	14	10	2	0	0	3	6	8	7	14
28	4	7	5	15	22	22	24	23	19	20	22	25	22	24	21	20	21	22	25	25	25	26	28	30	21
29	25	32	34	35	35	34	29	23	24	30	30	30	35	29	28	26	28	28	32	33	34	36	36	37	31
30	38	38	39	40	40	38	28	17	20	30	30	31	34	34	33	31	26	27	31	28	34	32	29	30	32
31	34	33	37	38	37	35	28	20	14	27	29	31	31	28	28	24	17	23	24	27	28	30	32	32	29
MEAN	16	17	17	16	17	17	13	12	12	17	21	22	23	21	21	20	16	13	14	14	16	16	16	16	16.7

PERCENTAGE OF DATA VALID - 85.8 PERCENTAGE OF DATA INVALID - 14.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	36	37	37	37	37	38	31	24	21	30	29	30	34	34	30	28	23	26	28	30	29	31	21	27	30
2	33	37	38	37	37	35	30	22	18	24	29	26	33	31	31	26	13	12	6	4	2	2	10	7	23
3	15	9	0	0	0	0	0	0	2	5	14	23	21	29	39	29	28	14	12	5	3	2	4	9	11
4	6	7	14	17	16	13	7	6	25	43	43	47	47	47	49	45	45	45	41	37	36	35	31	31	31
5	31	30	32	32	33	32	29	24	24	30	33	32	31	33	31	32	25	23	21	18	21	21	19	18	27
6	23	27	19	15	10	4	0	0	0	3	6	17	27	32	29	31	26	9	3	3	0	0	0	0	12
7	3	4	4	3	0	0	0	0	0	9	17	22	26	29	20	20	14	8	6	3	6	2	37	39	11
8	28	32	36	31	29	27	25	21	23	29	34	35	33	32	32	31	21	6	12	16	18	27	27	26	26
9	30	30	31	34	34	30	23	12	14	23	34	28	30	35	34	32	34	19	17	7	15	8	7	8	24
10	9	6	5	6	7	7	3	15	31	35	34	31	22	24	20	39	34	32	14	20	23	29	26	19	20
11	14	7	12	12	21	22	18	3	14	26	27	30	30	45	38	40	41	30	8	4	0	0	0	0	18
12	0	0	0	0	0	0	0	0	0	3	10	11	13	19	14	20	16	6	6	14	14	27	11	14	8
13	23	17	23	32	31	21	13	10	8	18	19	22	20	31	37	29	26	19	11	7	8	8	4	6	18
14	10	5	17	25	25	22	17	15	7	7	4	****	12	17	9	5	6	3	0	14	19	21	21	5	12
15	5	15	18	21	26	28	19	22	****	13	18	18	21	22	20	14	10	9	15	15	21	13	16	20	17
16	24	28	36	34	34	23	14	7	6	12	19	30	30	29	30	30	24	23	24	21	28	29	23	22	24
17	16	18	22	27	30	24	22	20	17	20	21	24	26	28	25	30	28	17	5	3	0	0	0	2	18
18	5	0	0	0	0	0	12	19	16	21	28	31	27	34	35	36	29	22	14	16	15	16	17	16	17
19	18	17	17	15	13	3	0	0	0	0	4	28	35	37	39	45	41	35	32	22	27	29	26	18	21
20	22	35	35	28	34	34	29	19	16	24	31	38	39	43	48	44	34	28	33	27	17	15	16	14	29
21	16	13	9	5	4	2	0	0	0	4	8	19	27	27	25	20	13	17	26	32	43	53	55	55	20
22	52	49	49	48	45	45	36	31	29	31	28	26	20	24	14	13	9	9	6	2	8	0	12	23	25
23	34	38	36	24	33	30	17	10	7	9	3	0	3	9	8	11	9	0	0	0	0	0	0	0	12
24	7	17	20	29	29	25	17	4	18	14	11	17	27	26	35	33	30	18	8	9	10	19	16	19	19
25	22	16	26	30	34	33	32	34	31	28	27	27	20	24	28	23	21	27	20	25	24	26	30	31	27
26	34	38	37	38	38	33	21	10	5	12	9	13	12	19	16	16	16	10	18	9	20	23	14	28	20
27	32	36	35	32	34	30	20	6	13	25	27	31	36	37	32	30	34	24	20	16	27	25	26	26	27
28	31	30	5	14	9	2	0	0	0	0	28	****	57	57	62	59	31	37	5	0	0	0	0	0	19
MEAN	21	21	22	22	23	20	16	12	13	18	21	25	27	31	30	29	24	19	15	14	16	16	17	17	20.3

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	12	15	0	0	0	0	2	3	11	6	7	6	6	5	3	2	0	0	0	0	0	0	5	3
2	12	23	28	26	36	40	34	26	21	29	26	28	9	10	10	39	22	19	8	16	4	4	0	0	20
3	0	0	3	0	0	0	0	2	2	3	7	20	35	22	12	20	23	18	10	10	0	0	14	27	10
4	27	29	31	39	38	38	37	34	34	40	37	39	31	29	42	38	31	31	18	21	21	16	21	17	31
5	9	15	17	17	23	30	26	27	22	23	27	28	27	26	28	25	16	17	23	17	22	24	18	17	22
6	23	27	30	30	30	29	21	15	11	14	15	18	26	30	26	27	19	22	19	13	17	18	24	19	22
7	10	4	0	0	3	0	0	0	0	9	16	16	25	27	29	25	18	14	12	4	0	0	0	0	9
8	8	5	0	11	25	18	3	0	1	14	27	27	28	20	24	19	12	10	8	6	13	11	7	2	12
9	0	2	3	3	0	0	0	0	0	6	30	33	32	39	26	26	30	10	11	6	0	0	15	30	13
10	27	20	16	14	11	12	12	17	17	18	19	23	34	30	39	36	32	29	****	****	****	****	****	****	23
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20	****	****	****	****	****	****	****	****	2	4	14	20	24	26	28	18	12	7	2	0	0	0	0	0	10
21	0	0	0	0	0	0	0	0	1	10	15	24	38	39	41	35	25	12	5	4	2	0	0	0	10
22	0	0	0	0	0	0	0	0	4	9	11	19	29	29	28	26	22	19	9	11	9	5	13	8	10
23	8	0	0	0	2	1	0	1	4	14	38	42	39	32	36	23	18	20	22	19	31	40	43	41	20
24	26	32	34	35	29	24	18	13	10	11	8	4	8	9	13	26	20	25	35	27	29	24	23	23	21
25	21	16	14	11	16	20	21	21	21	20	21	23	24	24	24	22	20	20	19	16	16	17	21	24	20
26	29	30	28	28	30	27	22	25	26	31	32	35	35	36	36	36	35	35	37	38	35	36	37	35	32
27	42	44	43	41	38	40	37	36	35	37	38	39	40	41	43	40	34	36	36	32	31	31	25	21	37
28	14	16	4	6	7	4	3	3	22	24	21	35	36	39	38	34	19	8	3	3	4	4	15	15	16
29	26	33	30	27	29	31	24	19	16	16	16	13	9	9	10	7	3	2	0	0	0	0	0	0	13
30	5	8	16	17	16	9	5	0	0	0	22	23	33	36	38	38	38	35	31	20	18	31	46	46	22
31	46	44	42	41	36	32	25	26	25	25	27	28	30	29	26	20	14	17	22	24	18	18	15	20	27
MEAN	16	17	17	16	18	17	14	13	13	17	22	25	27	27	27	27	21	18	16	14	13	13	16	17	18.3

PERCENTAGE OF DATA VALID - 69.1 PERCENTAGE OF DATA INVALID - 30.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	24	30	33	36	37	36	36	31	27	24	25	24	23	19	22	23	20	23	23	25	25	30	27
2	33	29	18	17	13	10	9	1	0	0	0	0	6	8	15	27	25	22	17	18	16	17	26	31	15
3	33	33	35	38	39	37	32	31	30	32	34	35	35	35	33	30	26	25	22	11	4	3	1	0	26
4	4	8	12	14	17	20	22	9	10	15	13	12	19	21	25	23	26	24	25	28	28	23	19	18	18
5	32	34	34	32	35	38	38	36	33	38	39	39	37	41	41	44	35	32	30	31	34	38	40	39	36
6	42	44	42	36	41	41	36	35	35	34	34	34	36	36	36	36	36	36	36	36	36	37	37	37	37
7	38	37	38	38	38	38	36	38	35	32	29	33	35	34	34	33	32	33	27	24	20	15	5	4	30
8	6	1	5	11	14	13	16	19	27	25	19	18	24	20	19	20	23	11	8	10	11	24	34	37	17
9	44	45	46	45	43	35	31	25	26	30	32	34	30	30	26	15	9	14	14	18	21	24	25	28	29
10	35	36	36	36	35	34	19	24	30	34	35	36	38	44	44	39	34	31	20	8	5	2	1	5	28
11	5	3	1	0	2	4	7	14	18	22	29	32	32	29	25	17	15	10	9	20	23	26	27	30	17
12	30	25	22	29	32	33	28	21	****	31	30	29	24	28	23	16	18	9	7	6	4	8	24	30	22
13	38	39	41	36	32	32	31	32	33	26	31	32	33	32	28	17	14	17	10	9	9	19	27	23	27
14	23	24	21	16	10	12	45	47	40	34	41	42	47	45	44	49	50	46	47	45	40	37	44	43	37
15	41	38	39	41	42	41	40	37	36	34	35	36	41	41	42	41	38	38	38	35	32	34	34	35	38
16	37	35	35	33	30	27	21	16	14	17	19	22	28	29	31	34	35	32	24	19	24	21	14	18	26
17	26	24	23	26	25	23	17	12	16	21	29	34	35	37	37	35	31	29	27	15	14	19	27	21	25
18	31	34	30	31	35	32	19	19	28	31	35	36	42	42	40	38	39	37	13	9	21	16	19	26	29
19	23	24	29	32	32	28	19	****	14	25	****	32	38	36	35	32	30	25	11	8	13	2	5	2	23
20	7	7	2	7	2	0	0	2	4	13	23	26	29	29	31	29	28	23	8	11	4	4	5	2	12
21	3	1	0	0	0	0	2	12	17	33	41	46	48	52	57	57	53	43	28	15	1	3	27	29	24
22	29	20	19	22	29	31	28	33	32	30	31	33	37	44	44	42	41	44	39	30	19	29	20	7	31
23	4	0	0	1	1	0	0	6	28	37	43	50	59	62	63	60	60	54	38	23	13	5	3	0	25
24	0	0	0	0	0	0	0	2	4	16	41	47	49	51	55	57	56	55	59	57	42	31	23	3	27
25	4	6	9	10	14	9	3	1	1	3	8	29	56	64	64	63	64	62	54	41	21	19	28	30	28
26	36	43	45	41	40	34	31	32	33	37	42	43	44	42	38	19	14	6	17	27	31	29	24	20	32
27	18	16	17	19	21	22	21	18	15	18	20	19	19	16	17	15	13	13	13	15	16	16	18	17	17
28	17	20	21	24	25	24	16	12	10	9	7	6	4	1	1	8	11	14	16	23	25	28	28	25	16
29	28	31	33	34	31	29	31	29	31	37	38	38	37	36	37	39	40	38	29	15	8	0	2	5	28
30	19	17	22	20	16	3	0	0	3	4	5	13	32	42	43	30	28	30	21	19	28	30	29	32	20
MEAN	24	23	23	24	24	23	21	21	22	25	28	30	34	35	35	33	32	29	24	22	20	19	21	21	25.5

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	35	35	35	36	36	34	28	28	32	27	27	24	25	26	24	20	25	27	23	11	4	2	4	8	24
2	8	0	0	1	0	0	0	4	7	13	19	20	21	****	27	21	15	20	23	22	22	25	29	37	15
3	42	40	34	31	24	11	9	4	5	5	3	1	1	22	40	34	31	39	43	42	40	40	41	40	26
4	37	38	38	35	34	24	20	14	22	25	28	29	24	21	19	19	21	26	20	16	20	24	26	26	25
5	35	39	38	38	37	29	33	34	35	29	29	35	41	47	46	42	43	46	42	23	26	33	30	33	36
6	28	34	32	32	32	34	40	36	33	32	30	29	26	19	19	21	24	18	11	6	11	10	8	3	24
7	6	13	14	11	9	4	6	11	11	24	26	33	37	39	44	44	44	44	38	29	24	7	11	6	22
8	0	5	0	1	1	0	0	14	36	51	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
9													- DATA INVALID -												
10													- DATA INVALID -												
11	****	****	****	****	****	****	****	****	****	****	****	****	64	68	64	65	62	53	44	39	36	37	56	55	******
12	45	44	42	32	32	29	22	22	23	11	12	14	17	18	18	17	17	17	11	12	17	17	17	19	22
13	20	23	25	28	28	27	26	28	28	30	31	31	36	37	37	43	42	41	40	26	32	33	36	39	32
14	40	32	33	39	33	19	15	18	27	38	44	44	45	47	29	35	34	28	18	15	37	18	34	44	32
15	43	35	40	40	42	35	5	1	10	16	21	23	26	23	24	23	24	26	22	22	22	23	26	33	25
16	35	34	33	29	24	18	16	16	18	20	21	24	19	22	23	19	21	22	21	13	6	5	2	0	19
17	0	0	0	0	0	0	0	3	5	18	23	****	****	41	46	45	41	40	28	6	9	9	4	0	14
18	2	1	0	0	0	0	1	6	24	43	44	53	60	60	56	59	48	24	31	31	17	15	9	16	25
19	7	10	19	14	4	2	4	16	21	29	31	33	41	35	31	30	26	22	15	9	27	22	9	7	19
20	11	31	39	50	43	43	49	47	45	47	62	84	74	95	91	115	85	66	57	38	25	15	4	7	51
21	9	11	18	4	17	38	41	47	41	34	35	31	28	29	30	24	22	24	19	16	25	20	24	26	26
22	23	18	16	15	11	9	4	8	16	****	22	20	25	30	27	18	21	26	27	20	16	15	13	14	18
23	22	10	9	13	5	0	2	8	16	18	22	28	38	34	30	29	21	21	25	19	14	5	9	10	17
24	18	14	13	10	10	5	2	3	8	****	****	12	12	11	11	4	4	2	1	0	0	0	5	8	7
25	11	27	31	9	7	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
26													- DATA INVALID -												
27													- DATA INVALID -												
28													- DATA INVALID -												
29	****	****	****	****	****	****	****	****	****	****	****	23	28	31	27	12	10	4	2	2	0	0	0	0	******
30	0	1	1	1	1	0	0	4	7	13	27	34	41	42	34	37	43	49	46	36	9	7	2	0	18
31	0	0	0	0	0	0	1	9	24	-	39	47	46	52	40	47	50	52	43	34	21	21	21	22	25
MEAN	20	21	21	20	18	15	14	17	21	26	28	31	34	37	35	34	32	31	27	20	19	17	18	19	23.8

PERCENTAGE OF DATA VALID - 75.5 PERCENTAGE OF DATA INVALID - 24.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	1	7	4	2	1	5	16	30	35	32	36	34	41	43	46	39	37	50	29	19	29	39	26	25
2	28	43	46	43	35	19	17	18	19	22	27	34	36	44	48	48	52	53	54	50	41	41	49	50	38
3	45	44	42	39	36	35	39	41	43	46	52	60	68	69	70	74	77	80	78	71	64	55	42	28	54
4	15	33	49	51	52	19	5	0	0	13	39	50	51	58	61	65	68	70	72	77	73	64	63	61	46
5	53	53	54	54	48	42	40	26	14	****	****	36	33	32	28	22	25	22	17	7	3	3	6	8	28
6	7	7	8	9	9	3	5	8	16	18	21	24	29	32	29	31	24	22	20	22	12	5	7	16	16
7	8	12	7	6	3	0	0	3	8	40	55	55	69	82	83	72	70	61	54	34	41	16	20	22	34
8	45	52	37	39	34	26	18	18	23	28	30	38	50	50	57	51	55	58	58	53	50	47	42	20	41
9	1	0	0	1	7	2	2	5	16	27	36	44	47	52	56	61	63	61	54	48	57	59	49	45	33
10	49	51	44	37	37	37	38	41	47	50	59	66	66	64	63	67	68	53	39	35	29	30	30	30	47
11	28	29	29	24	22	17	18	20	23	24	22	23	20	21	24	25	23	21	15	15	5	2	4	10	19
12	10	15	16	19	16	11	7	8	15	****	23	23	27	25	27	27	30	32	29	21	19	14	13	15	19
13	24	27	30	34	12	2	11	23	28	32	36	38	36	40	39	37	35	37	30	18	1	0	17	39	26
14	45	46	28	3	0	4	23	29	40	46	59	64	71	67	69	77	84	87	87	78	74	79	77	75	55
15	77	70	64	59	54	45	43	46	58	70	76	84	94	95	95	101	97	89	93	88	83	77	68	64	75
16	64	62	58	57	56	54	56	65	72	70	73	77	85	90	93	95	88	105	105	81	72	71	76	78	75
17	75	84	93	92	84	78	69	69	74	83	90	94	92	95	95	95	94	95	69	60	53	47	40	38	77
18	28	31	31	31	30	22	8	10	14	21	26	29	35	****	28	20	20	23	25	10	2	2	11	15	21
19	14	20	17	13	5	1	2	12	18	22	****	27	36	41	37	30	31	32	32	22	8	10	11	8	20
20	7	6	5	8	6	2	3	13	29	39	46	54	49	53	51	54	63	48	50	34	31	22	17	46	31
21	****	62	61	58	52	39	28	30	34	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
22	****	45	43	44	39	34	38	37	39	40	37	35	14	11	12	17	19	14	17	15	23	25	22	22	28
23	31	28	25	25	25	20	18	16	15	15	24	21	16	16	16	19	20	17	15	****	13	19	24	15	20
24	10	15	16	16	17	18	20	20	21	21	18	****	****	****	20	25	27	17	14	6	6	4	14	14	16
25	14	19	18	15	12	3	1	5	12	14	****	20	26	29	32	32	31	28	32	35	21	20	23	10	20
26	0	0	0	0	0	0	0	6	18	32	44	53	58	60	63	65	66	75	90	79	66	57	58	60	40
27	62	63	69	68	59	45	38	39	40	53	55	64	42	47	46	21	30	43	45	51	52	51	44	25	48
28	62	47	45	26	31	15	5	5	22	29	38	48	****	42	37	29	23	22	29	33	12	13	11	3	27
29	0	0	0	0	0	0	2	11	14	20	22	22	9	9	10	5	2	3	2	5	10	13	14	17	8
30	13	15	18	14	14	12	13	11	11	12	12	19	21	17	21	30	34	33	28	21	22	19	20	10	18
MEAN	29	33	32	30	27	20	19	22	27	34	40	44	45	47	47	46	47	46	45	39	33	31	31	30	35.0

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 3.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	25	31	28	29	27	21	22	22	23	22	20	19	19	22	20	19	20	7	1	1	3	4	4	17
2	3	7	22	29	34	22	7	7	10	11	12	12	13	16	17	17	19	20	17	12	14	15	18	21	16
3	23	24	25	23	20	18	11	10	12	14	17	19	21	22	23	18	17	18	18	14	4	1	3	0	16
4	3	1	7	9	8	2	1	1	5	9	7	12	17	20	17	15	20	16	12	16	8	5	11	16	10
5	20	19	20	18	18	14	11	14	17	18	****	18	18	20	15	16	16	24	21	18	15	14	11	14	17
6	18	24	28	26	18	15	14	15	16	19	23	25	25	19	27	25	25	21	24	13	5	3	0	3	18
7	2	4	8	3	2	1	4	5	15	29	35	32	34	35	35	37	41	48	46	42	33	34	28	28	24
8	26	4	0	0	2	0	1	4	43	48	48	53	57	57	58	62	69	65	66	58	30	2	0	0	31
9	0	0	0	0	0	0	2	4	9	15	23	24	29	36	30	36	21	19	28	22	17	8	12	43	16
10	38	32	31	25	16	4	3	4	14	30	45	43	34	39	38	29	32	40	43	43	40	35	32	32	30
11	36	32	9	1	2	2	2	21	25	43	58	54	60	64	58	49	46	56	58	79	76	65	53	48	42
12	56	52	43	47	40	21	12	28	50	52	49	49	43	48	42	31	44	36	34	24	19	7	0	3	35
13	10	15	14	8	0	2	0	2	13	31	37	50	48	61	60	47	44	43	40	19	7	4	2	0	23
14	1	8	17	20	15	7	12	21	45	63	71	73	71	81	86	81	77	83	77	68	62	68	68	63	52
15	58	64	61	48	42	46	45	38	38	44	43	37	42	42	41	38	39	37	33	27	20	19	15	9	39
16	6	0	0	0	0	0	0	10	14	16	18	21	21	20	18	13	14	15	15	9	2	4	9	8	10
17	8	7	8	8	3	1	1	2	3	5	****	18	19	20	15	10	12	12	10	6	12	4	7	12	9
18	16	18	20	15	6	2	2	10	13	13	16	23	16	22	21	29	25	27	23	16	12	4	2	6	15
19	6	0	0	0	0	0	0	4	25	35	38	35	45	48	49	52	62	64	59	54	30	27	10	5	27
20	16	0	0	0	1	0	0	30	55	58	56	53	41	45	38	46	57	58	41	22	10	25	1	1	27
21	0	1	4	0	0	2	12	5	38	58	55	55	56	67	70	74	77	84	89	77	59	62	64	70	45
22	74	73	65	66	65	62	54	54	59	62	63	64	69	74	70	69	69	68	62	45	26	37	49	39	60
23	1	5	11	6	3	7	0	1	14	26	33	40	41	43	47	39	41	43	35	27	28	22	23	31	24
24	33	30	25	16	13	8	4	6	8	9	12	14	18	18	17	14	14	15	16	14	11	11	9	6	14
25	7	6	4	5	4	3	1	1	2	****	34	20	35	43	51	53	49	42	35	34	29	25	24	27	23
26	29	34	34	35	29	31	31	14	5	7	9	9	8	8	9	10	10	13	16	12	15	18	20	22	18
27	22	18	20	20	20	10	0	0	8	12	16	24	36	36	36	36	34	37	44	34	18	18	23	17	22
28	19	27	34	24	20	23	20	28	38	41	51	55	56	55	46	53	53	51	44	30	18	11	14	10	34
29	15	17	13	20	26	24	19	20	14	18	33	32	35	38	40	36	38	37	34	26	17	11	12	6	24
30	6	6	4	2	0	2	2	4	10	16	39	51	53	51	53	46	44	60	63	62	59	60	44	58	33
31	57	49	42	35	42	44	35	29	31	36	****	51	54	56	44	32	38	45	49	46	37	39	30	28	41
MEAN	20	19	19	17	15	13	11	13	22	29	34	35	37	39	38	37	38	39	37	31	24	21	19	20	26.2

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	26	25	17	17	9	7	6	6	12	19	21	25	27	23	22	30	20	13	14	21	23	31	31	20
2	31	28	35	36	26	15	13	26	26	22	25	32	32	26	31	36	36	37	33	22	6	1	2	16	25
3	29	29	33	31	9	1	1	0	4	31	56	59	64	63	63	60	72	76	72	62	51	44	42	43	41
4	38	38	42	40	37	17	2	6	50	60	58	56	56	55	51	50	49	55	54	48	40	60	70	75	46
5	60	53	52	50	48	47	45	46	50	52	52	56	56	61	62	59	58	57	51	36	30	29	34	35	49
6	39	39	38	39	35	32	25	21	21	23	22	21	22	26	26	25	27	28	21	7	4	2	1	1	23
7	3	1	0	0	0	1	1	4	14	21	27	36	50	60	77	84	83	72	54	46	37	34	32	37	32
8	31	29	24	20	23	16	15	11	15	15	16	18	22	24	26	26	21	14	11	5	3	4	9	8	17
9	8	9	9	6	5	0	0	0	1	1	5	8	12	13	12	13	12	11	7	4	3	2	2	1	6
10	0	2	2	3	2	****	****	8	7	****	40	43	39	38	34	30	27	29	27	19	12	15	19	16	20
11	12	19	21	19	17	12	6	4	6	11	13	12	14	15	19	17	14	15	11	5	2	4	6	8	12
12	2	3	5	8	10	10	9	9	18	25	26	25	26	31	34	31	33	32	22	17	3	0	0	6	16
13	0	0	0	0	0	0	0	4	24	31	36	46	54	54	54	55	58	58	56	54	51	50	48	47	33
14	43	36	36	38	34	31	19	14	23	20	20	18	18	19	18	16	20	26	21	20	19	18	18	20	24
15	21	21	21	20	19	17	11	8	10	12	14	19	20	20	20	17	17	16	15	12	1	2	5	9	14
16	14	13	13	12	11	4	0	0	1	5	18	20	23	23	24	26	24	26	27	22	15	3	0	0	14
17	0	0	0	0	0	0	0	1	13	16	22	****	35	38	40	36	26	26	35	47	47	41	25	29	21
18	36	38	42	41	38	32	23	24	26	28	27	29	36	38	35	34	37	39	39	37	36	34	31	27	34
19	31	31	31	34	41	40	38	35	26	28	29	29	34	36	37	38	37	30	27	13	7	2	0	2	27
20	2	6	1	9	4	1	0	0	4	14	13	13	21	26	29	19	23	23	9	2	0	0	0	1	9
21	5	14	2	2	2	0	0	0	11	17	21	****	****	29	29	26	29	22	7	2	0	2	3	3	10
22	4	4	5	2	0	0	0	2	8	14	23	30	37	34	44	28	34	45	32	24	13	20	13	14	18
23	15	10	12	13	8	3	1	7	8	7	9	15	35	44	44	45	43	36	19	21	31	18	26	34	21
24	32	34	34	27	25	21	15	18	20	21	26	31	35	42	46	43	45	49	43	40	34	35	35	34	33
25	31	34	35	32	23	21	15	15	15	24	31	37	36	32	30	36	44	39	32	17	11	13	8	1	26
26	0	3	5	7	9	7	4	6	16	16	20	25	35	39	33	43	41	22	3	0	4	0	0	3	14
27	14	25	24	21	15	7	2	7	19	26	24	24	30	37	36	37	38	39	35	21	22	8	2	5	22
28	7	7	4	2	2	19	12	5	2	****	6	12	18	27	40	37	11	12	9	3	5	7	14	16	12
29	27	36	38	40	41	34	28	28	25	24	32	32	43	47	48	48	49	49	43	38	29	31	27	26	36
30	32	29	30	34	36	26	15	16	27	32	37	42	43	42	39	31	29	24	13	5	4	4	5	5	25
31	5	10	13	14	12	3	0	0	1	4	8	13	20	27	32	44	36	37	24	8	2	0	0	0	13
MEAN	19	20	20	20	18	14	10	11	16	21	25	28	33	35	37	36	36	34	28	22	18	16	16	18	23 0

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EONA/FREDERICK ST KITCHENER MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	****	****	****	****	****	****	****	****	****	****	****	****	****	69	64	64	65	59	39	45	61	58	58	******
2	53	48	43	37	32	26	22	21	23	27	29	30	32	46	45	43	48	64	46	43	40	35	26	22	37
3	28	30	28	24	17	21	21	21	18	20	20	23	23	22	23	27	26	22	13	3	4	4	0	2	18
4	2	1	2	4	4	3	0	2	2	3	7	11	19	19	22	24	26	28	****	****	****	****	****	****	10
5												- DATA INVALID -													
6												- DATA UNAVAILABLE -													
7	-	-	-	-	-	-	-	-	-	-	-	-	7	6	4	5	7	10	12	14	15	13	12	11	******
8	9	8	9	16	16	12	9	10	14	11	14	40	27	20	18	31	20	18	11	4	3	25	18	3	15
9	0	0	0	2	2	0	0	2	6	14	24	54	59	44	43	42	42	41	36	21	15	9	5	17	20
10	26	32	40	56	41	29	19	29	43	56	72	****	****	****	****	****	****	****	13	13	14	11	24	6	31
11	21	40	54	68	59	64	52	51	45	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17	****	****	****	****	****	****	****	****	****	****	****	****	56	66	73	66	69	69	57	51	51	50	48	52	******
18	55	54	51	43	45	32	23	24	28	35	47	53	59	56	51	49	45	34	6	14	9	9	11	12	35
19	19	14	11	13	15	4	2	10	14	15	16	16	27	38	43	45	46	36	19	5	13	27	****	****	20
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	41	39	35	30	40	34	20	22	******
21	34	33	34	24	24	16	6	13	16	18	22	17	15	8	8	5	11	13	4	****	****	6	20	****	17
22	****	****	8	7	2	0	0	5	8	10	11	12	9	10	11	9	7	3	1	1	3	4	2	1	6
23	1	0	1	3	8	2	2	2	7	12	16	16	15	16	17	14	9	2	1	0	0	0	0	0	6
24	0	0	0	2	0	1	0	0	2	****	10	14	24	20	28	26	20	17	9	2	0	0	9	22	9
25	31	38	38	33	31	23	10	6	15	26	40	49	55	64	66	53	52	52	36	29	24	11	13	36	35
26	39	42	40	34	28	18	8	7	10	14	17	24	22	24	28	28	25	10	1	0	0	0	0	0	17
27	0	0	0	0	0	0	0	0	8	27	35	43	47	47	48	47	44	26	6	3	0	0	0	0	16
28	0	0	3	19	25	8	3	5	4	6	13	9	11	11	12	14	17	14	0	0	0	13	22	30	10
29	26	19	19	23	33	32	29	16	7	11	16	18	24	26	31	28	30	23	4	5	11	4	0	0	18
30	0	0	0	0	0	13	20	16	14	21	32	42	53	56	62	66	69	49	14	18	15	22	13	13	25
MEAN	18	20	20	21	20	16	12	13	15	19	25	28	31	32	35	34	34	30	18	15	15	16	15	16	21.6

PERCENTAGE OF DATA VALID - 64.3 PERCENTAGE OF DATA INVALID - 28.6 PERCENTAGE OF DATA UNAVAILABLE - 7.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EONA/FREDERICK ST KITCHENER MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	8	18	16	4	1	0	0	3	6	10	13	13	16	9	3	2	2	0	0	1	0	5	4	6
2	0	2	7	7	10	6	3	2	9	11	6	9	15	9	11	9	9	6	10	7	9	25	19	15	9
3	19	14	12	9	9	6	2	2	1	1	2	2	7	11	16	11	16	17	6	10	15	12	17	31	10
4	31	29	27	29	21	6	0	0	0	0	2	3	6	7	5	3	2	2	3	2	4	6	6	11	9
5	8	12	16	21	20	13	2	4	4	7	16	19	19	20	21	12	9	10	4	3	7	11	16	18	12
6	20	18	17	18	11	7	5	7	8	11	18	11	14	10	9	6	6	6	6	6	9	13	12	13	11
7	17	16	26	29	27	24	20	19	18	18	18	18	16	15	14	14	15	16	13	13	11	12	13	11	17
8	11	14	18	20	19	18	14	16	16	19	19	17	15	6	3	4	2	2	2	1	0	0	0	0	10
9	0	7	17	25	20	14	12	9	7	14	15	17	20	19	16	16	16	8	2	0	1	0	0	0	11
10	0	0	0	0	0	0	0	0	0	2	-	10	14	17	15	11	6	7	11	15	8	9	10	15	7
11	4	13	16	17	17	4	1	2	5	10	12	16	16	17	14	12	8	9	10	10	12	10	6	7	10
12	15	16	15	15	13	8	3	4	6	10	14	17	18	16	11	8	9	6	7	11	16	19	18	18	12
13	17	17	17	15	15	15	13	12	15	19	20	21	20	19	18	15	15	13	12	14	16	16	15	14	16
14	11	12	16	17	21	21	20	19	19	18	19	22	21	27	26	27	27	19	13	12	12	11	9	10	18
15	11	13	13	14	26	13	3	2	4	7	12	17	21	21	22	23	24	22	10	2	0	0	0	2	12
16	9	9	7	5	0	0	0	0	1	4	7	7	9	10	10	7	6	3	1	0	0	0	1	2	4
17	5	4	1	0	0	0	0	0	0	0	0	****	0	1	1	1	2	2	2	5	6	8	10	11	3
18	11	7	14	10	7	4	0	0	1	2	4	4	6	5	6	5	4	3	2	6	7	6	6	8	5
19	10	11	14	13	8	1	0	0	0	0	2	8	8	****	****	****	****	****	****	****	****	****	****	****	******
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	11	12	14	15	13	8	5	5	6	8	11	13	14	14	13	10	10	9	6	7	7	9	9	11	10.0

PERCENTAGE OF DATA VALID - 59.5 PERCENTAGE OF DATA INVALID - 12.5 PERCENTAGE OF DATA UNAVAILABLE - 28.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	20	42	46	52	56	42	35	41	41	******
2	36	38	38	39	33	28	22	13	14	31	43	51	****	****	15	11	12	2	0	1	0	0	0	1	19
3	1	2	0	0	0	2	0	1	4	9	14	21	21	23	23	20	16	11	6	5	4	6	9	10	9
4	14	10	12	13	13	9	6	9	14	11	14	14	15	17	19	19	17	8	0	0	0	0	0	0	10
5	0	0	0	0	0	0	0	0	0	0	6	10	13	13	9	7	3	0	0	0	0	0	0	0	3
6	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	3	3	0
7	8	10	15	15	15	17	22	13	9	15	18	19	21	21	18	16	15	11	14	15	13	11	7	3	14
8	0	0	1	4	5	6	4	5	4	8	****	****	8	8	8	7	6	4	1	1	2	2	2	1	4
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	6	8	9	8	10	13	16	15	12	12	11	4	3	2	2	4	4	5	10	10	7
11	8	5	3	3	3	0	0	1	7	7	17	27	28	28	29	29	25	18	17	17	15	6	7	5	13
12	11	14	17	18	17	12	4	0	0	5	10	15	15	14	13	12	8	0	0	0	0	0	0	0	8
13	0	0	0	0	0	0	0	0	0	0	4	5	9	10	16	12	5	0	1	2	5	7	6	6	4
14	12	13	16	19	21	23	14	5	7	17	18	****	****	19	19	18	13	8	3	0	0	0	3	2	11
15	4	9	7	4	2	2	3	2	1	1	1	3	3	3	2	1	0	0	0	2	6	7	13	18	4
16	24	28	31	35	31	28	13	10	10	17	23	23	27	24	22	19	11	7	8	6	4	4	3	4	17
17	6	7	8	9	9	9	8	6	6	8	10	14	27	28	29	19	2	0	0	0	0	0	0	0	9
18	0	0	0	0	0	0	0	0	0	0	0	0	8	7	18	20	4	0	0	0	0	0	0	0	2
19	0	0	0	0	0	0	0	0	0	0	0	5	11	29	44	42	23	17	2	11	36	30	15	26	12
20	25	20	24	27	27	25	14	8	4	7	14	18	20	22	23	20	9	5	10	11	11	12	11	11	16
21	16	17	20	21	19	19	8	3	0	6	11	****	14	11	9	8	5	2	1	0	0	0	0	0	8
22	0	0	0	16	35	39	38	35	28	29	26	28	28	24	24	21	25	17	20	21	26	31	28	26	24
23	26	28	34	30	27	28	21	17	8	5	****	19	21	20	20	13	11	16	13	7	1	4	7	5	17
24	3	6	14	21	25	35	27	20	17	13	18	17	19	22	23	26	18	4	6	7	4	3	0	0	15
25	0	0	0	0	0	0	0	0	0	0	2	6	8	3	3	3	4	8	6	7	4	4	4	4	3
26	7	6	4	6	5	6	5	6	16	20	29	26	24	25	29	29	25	28	27	25	25	27	28	26	19
27	23	22	24	25	25	22	16	11	10	13	15	17	****	18	18	16	10	3	5	1	1	1	1	3	13
28	4	8	10	7	0	11	17	23	20	18	18	20	19	17	17	18	13	12	13	9	10	10	4	4	13
29	7	8	8	8	9	7	5	5	6	9	7	7	11	12	12	8	8	5	5	8	8	7	2	7	7
30	9	12	15	16	14	17	17	12	11	14	****	****	15	17	16	12	6	4	4	4	2	2	0	0	10
MEAN	8	9	10	12	12	12	9	7	7	10	13	16	15	16	17	15	11	8	7	7	7	7	7	7	10.4

PERCENTAGE OF DATA VALID - 96.3 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	1	1	1	1	1	6	5	2	4	7	5	6	8	6	3	3	0	0	0	0	5	10	11	4
2	15	13	12	22	23	23	23	20	22	20	26	26	27	29	29	27	19	9	9	7	3	0	6	13	18
3	18	16	15	18	12	8	7	7	7	18	23	29	33	28	27	24	16	11	17	19	14	10	6	6	16
4	5	5	4	4	4	5	2	2	2	7	11	18	20	22	19	18	6	7	5	5	9	0	0	0	8
5	0	1	3	3	6	0	0	0	10	19	23	****	32	38	35	31	28	29	34	31	33	31	33	34	20
6	37	33	28	24	19	11	3	1	1	7	10	11	11	10	2	2	2	2	3	1	1	1	1	1	9
7	0	0	0	0	0	0	0	0	0	4	7	6	7	5	7	4	3	3	8	8	6	0	0	10	3
8	16	18	23	25	27	25	22	18	16	15	19	22	22	21	20	18	16	17	15	19	15	14	13	10	19
9	13	13	15	15	15	13	12	8	12	15	16	18	23	19	15	11	9	5	3	3	6	11	8	10	12
10	10	11	12	11	1	0	0	0	0	0	****	****	0	6	11	6	0	0	0	7	10	10	12	12	5
11	13	15	19	18	18	16	13	10	12	18	20	21	24	24	26	26	27	26	27	32	32	32	30	29	22
12	31	29	27	26	25	18	12	12	8	13	12	13	19	19	19	14	11	10	17	14	17	8	9	11	16
13	17	21	22	21	18	19	7	6	0	0	0	****	0	0	0	0	0	7	16	18	22	19	18	16	11
14	15	10	13	8	3	2	8	15	11	14	14	16	19	19	17	15	11	8	10	10	11	10	7	2	11
15	0	0	0	0	0	0	0	0	8	11	13	14	13	14	13	8	1	1	1	1	1	1	1	1	4
16	5	5	6	5	2	2	2	2	2	2	4	3	2	2	10	28	25	26	27	25	24	26	27	28	12
17	31	32	34	32	26	27	7	3	12	23	27	24	28	28	27	20	18	16	20	19	19	20	25	26	23
18	26	23	24	20	20	15	3	0	0	6	8	5	6	4	3	9	5	2	2	2	2	2	2	2	8
19	6	0	3	0	0	0	0	0	0	0	3	****	6	7	7	4	1	1	1	1	1	1	1	1	2
20	0	2	5	3	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	2	4	1	1	1	1	1	1	1	1	1	1	1
22	0	0	4	4	3	3	3	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	4	4	6	3	5	4	4	4	6	6	6	6	3	0	0	0	0	0	0	0	3
24	0	0	0	0	0	0	3	2	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	3	3	5	8	12	9	11	14	15	17	15	18	20	20	20	21	18	16	23	11
26	24	25	26	23	23	24	24	20	21	20	21	19	22	20	19	18	17	22	20	20	21	20	21	20	21
27	24	24	21	24	27	24	21	20	16	16	****	21	22	21	16	13	13	17	20	17	18	21	21	19	20
28	27	25	29	28	29	29	26	24	23	20	22	22	23	22	20	18	16	15	14	14	12	17	17	17	21
29	17	17	16	17	21	22	18	14	16	17	18	18	20	20	21	16	12	11	11	11	10	10	10	10	16
30	15	15	19	19	21	21	22	22	23	19	20	21	20	17	17	16	9	4	6	6	0	0	14	14	15
31	21	22	22	25	23	19	23	19	14	17	14	16	14	12	11	13	9	9	2	2	11	21	19	18	16
MEAN	13	12	13	13	12	11	9	8	8	10	12	14	14	14	14	12	10	9	10	10	10	10	11	11	11.2

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EONA/FREDERICK ST KITCHENER

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	16.7	32	40
FEB	28	20.3	31	62
MAR	22	18.3	37	46
APR	30	25.5	38	64
MAY	22	23.8	51	115
JUN	29	35.0	77	105
JUL	31	26.2	60	89
AUG	31	23.0	49	84
SEP	18	21.6	37	73
OCT	18	10.0	18	31
NOV	29	10.4	24	56
DEC	31	11.2	23	38
YEAR	315	20.5	77	115

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 26029 TRAILER EONA/FREDERICK ST KITCHENER

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	219	329	90	0	0	0	0	0	638
FEB	182	330	149	8	0	0	0	0	669
MAR	168	242	104	0	0	0	0	0	514
APR	127	296	270	24	0	0	0	0	717
MAY	138	236	163	20	4	1	0	0	562
JUN	108	245	159	143	34	3	0	0	692
JUL	195	273	161	105	6	0	0	0	740
AUG	208	283	196	48	2	0	0	0	737
SEP	157	179	78	49	0	0	0	0	463
OCT	238	203	2	0	0	0	0	0	443
NOV	410	254	26	3	0	0	0	0	693
DEC	375	342	21	0	0	0	0	0	738
YEAR	2525	3212	1419	400	46	4	0	0	7606

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT									
86.8	0	0.0	8.4	17.5	27.0	41.7	52.9	65.1	74.5	115	20.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA UNAVAILABLE -																								
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	4	14	17	19	19	21	22	******
3	19	17	16	16	15	13	11	9	9	11	14	15	19	17	19	18	15	17	18	16	14	14	13	10	15
4	12	16	17	16	16	17	14	14	17	17	20	22	20	19	19	16	12	8	10	11	12	13	16	18	16
5	19	22	22	22	22	20	18	17	13	16	21	21	21	17	16	12	7	5	3	2	3	4	4	1	14
6	1	2	3	3	4	2	C	0	0	3	9	11	14	13	9	6	8	4	8	11	7	5	4	8	6
7	15	15	14	14	13	13	10	6	9	10	8	5	9	11	9	5	3	0	0	0	0	0	3	3	7
8	3	6	7	9	12	15	8	4	5	10	13	18	21	21	21	19	16	13	15	15	13	12	10	9	12
9	9	8	10	14	17	16	15	12	12	12	15	15	13	12	11	16	12	11	8	7	9	9	8	8	12
10	8	6	6	6	8	8	8	7	7	11	17	18	17	15	15	14	14	13	16	10	7	15	20	19	12
11	2	2	3	3	5	3	2	0	2	10	11	15	****	21	21	18	12	6	4	3	0	0	0	0	6
12	0	0	0	0	0	0	0	0	0	2	7	10	15	17	17	14	7	0	0	0	0	0	0	0	4
13	0	0	0	0	0	0	0	0	1	2	2	5	4	5	4	2	1	0	0	0	0	0	0	0	1
14	0	2	3	3	4	3	0	0	0	8	14	16	20	20	21	24	21	21	20	20	23	24	23	22	13
15	23	23	25	26	26	26	24	22	20	21	20	22	20	20	****	15	7	14	5	17	18	16	13	7	19
16	9	10	8	10	15	11	4	6	5	9	15	16	22	22	24	17	13	3	5	8	8	0	0	0	10
17	0	0	0	0	0	0	0	0	0	0	0	3	2	2	3	3	2	12	17	13	19	16	17	14	5
18	21	22	22	20	12	12	14	9	12	14	15	17	20	10	19	11	9	5	3	5	8	15	12	4	13
19	9	5	6	5	8	11	5	0	3	4	5	7	14	8	11	7	3	6	8	5	7	5	3	2	6
20	8	7	8	5	6	5	0	0	3	2	2	4	4	4	0	0	0	0	2	2	0	0	0	0	3
21	0	0	0	0	0	0	0	9	8	8	11	12	12	12	9	11	12	16	17	9	13	15	15	14	8
22	16	16	16	15	17	19	16	16	10	13	15	15	19	19	16	18	15	20	17	18	19	16	18	18	17
23	21	18	19	15	17	22	15	5	2	9	17	18	22	14	18	16	8	3	3	0	0	0	0	2	11
24	1	1	5	6	3	6	4	4	6	8	10	9	8	2	3	2	2	5	16	16	13	10	10	10	7
25	14	13	15	19	17	19	16	18	16	17	****	10	****	****	5	5	6	6	6	7	5	7	6	4	11
26	7	13	12	14	12	10	4	6	1	2	2	5	9	5	2	2	5	0	2	3	5	7	4	5	6
27	5	6	5	7	8	6	3	4	2	2	3	5	6	5	4	6	7	3	3	2	2	3	2	3	4
28	3	0	0	0	0	0	0	8	11	12	14	14	15	15	11	11	14	11	14	14	13	15	14	10	9
29	6	15	22	21	20	18	16	14	14	13	13	17	17	****	12	7	10	12	15	13	16	17	19	18	15
30	25	25	28	26	24	24	20	17	15	18	17	16	21	15	15	12	15	19	18	20	21	10	1	3	18
31	1	19	23	21	25	22	17	12	9	4	8	17	23	21	20	16	17	18	18	19	20	21	19	18	17
MEAN	9	10	11	11	11	11	8	8	7	9	11	13	15	13	13	11	9	9	10	9	10	10	9	8	10.2

PERCENTAGE OF DATA VALID - 93.8 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 5.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	23	18	19	25	23	18	16	17	18	17	21	22	22	22	20	22	24	25	23	25	25	24	25	21
2	27	27	27	27	25	26	24	21	15	17	15	20	26	21	18	20	12	4	8	3	10	9	6	9	17
3	9	5	8	0	0	0	0	3	4	11	16	23	25	22	17	18	13	6	2	0	0	0	0	0	8
4	0	0	0	0	0	0	0	4	30	32	29	32	36	35	34	36	37	34	31	29	29	27	23	23	21
5	26	24	23	23	22	22	19	15	16	20	19	20	22	17	19	17	18	18	18	17	16	14	11	13	19
6	17	15	16	12	11	8	3	2	4	10	20	20	19	19	21	18	16	9	0	0	0	0	0	0	10
7	0	0	0	0	0	0	0	0	0	4	11	15	16	16	13	8	6	0	0	0	0	0	0	4	4
8	9	32	27	24	24	24	20	16	19	21	21	22	25	****	22	21	19	16	18	20	18	17	6	18	20
9	24	23	21	21	21	20	14	12	10	16	18	14	23	22	21	18	17	4	7	13	13	9	6	5	16
10	12	6	10	13	18	16	9	9	10	12	17	19	22	21	23	16	16	13	11	17	21	19	17	21	15
11	24	25	28	29	27	26	23	25	25	24	28	28	30	28	23	23	20	14	4	2	0	0	0	0	19
12	0	0	0	0	2	0	0	0	3	****	****	26	24	23	22	18	17	10	4	8	6	12	21	24	10
13	26	26	26	26	26	23	21	17	18	22	20	22	20	20	19	17	12	7	8	5	11	7	4	7	17
14	15	13	17	23	24	22	16	13	13	15	12	****	****	****	****	19	15	12	10	9	9	8	6	5	14
15	9	12	15	20	22	5	9	11	16	19	22	22	22	24	24	23	22	23	24	27	27	28	26	25	20
16	25	26	26	26	26	26	24	17	18	21	23	19	16	18	19	18	16	14	14	17	17	17	20	23	20
17	25	27	27	28	28	28	26	18	23	26	27	27	28	29	29	29	21	9	6	6	4	1	0	0	20
18	0	0	0	0	0	0	0	0	8	17	22	24	27	28	29	29	26	23	19	13	13	13	13	12	13
19	9	9	8	5	5	4	0	0	3	9	10	16	19	27	31	32	28	20	19	22	19	16	13	9	14
20	9	14	18	25	23	7	4	7	11	18	21	26	29	31	30	30	30	18	4	1	6	4	3	1	15
21	2	1	0	0	0	0	0	0	0	9	19	24	20	18	18	18	13	8	8	11	16	21	30	40	12
22	49	47	46	44	41	35	31	17	17	24	28	29	31	28	26	22	22	11	9	6	12	20	17	13	26
23	18	19	20	28	25	25	13	4	0	4	20	30	31	28	****	26	21	18	17	16	19	20	17	16	19
24	16	11	7	5	7	10	8	4	6	9	10	16	19	24	24	20	17	12	7	6	4	17	18	18	12
25	23	23	26	26	28	28	28	27	27	25	24	24	24	26	26	25	26	27	27	28	29	30	29	29	26
26	29	28	28	28	27	27	24	20	16	19	23	23	24	25	25	22	19	21	22	21	24	24	22	24	24
27	22	28	27	27	28	22	13	8	8	12	20	17	28	28	26	19	20	8	7	2	5	3	6	8	16
28	10	14	18	19	22	23	16	14	18	23	29	36	37	38	42	43	42	17	4	0	0	0	0	0	19
MEAN	16	17	17	18	18	16	13	11	13	17	20	23	25	25	24	22	20	14	12	12	13	13	12	13	16.7

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	3	3	0	0	3	0	0	0	2	3	5	6	4	2	1	1	1	0	0	3	4	6	2
2	16	2	0	0	4	9	7	5	4	6	7	6	13	22	25	23	20	7	0	0	0	0	0	0	7
3	0	4	4	3	5	4	0	1	3	11	16	25	38	42	42	29	50	34	25	23	24	23	29	26	19
4	26	26	28	30	31	31	31	33	35	36	37	38	37	36	34	33	33	31	27	25	25	26	26	24	31
5	22	20	20	21	21	16	12	8	12	13	15	21	21	****	27	25	13	11	10	8	12	4	2	5	15
6	10	17	21	20	13	13	4	3	3	11	14	14	14	15	8	13	8	5	11	6	14	16	20	8	12
7	7	5	8	10	7	3	1	1	2	11	21	28	32	36	35	28	25	23	12	20	17	11	4	2	15
8	6	5	6	2	3	0	0	0	0	4	15	20	23	28	30	26	27	17	5	2	4	7	2	0	10
9	0	0	0	0	0	0	0	0	1	9	21	32	31	35	33	24	26	10	6	6	0	0	3	10	10
10	24	22	17	13	10	9	7	6	8	6	10	10	14	23	29	23	25	27	21	22	20	22	20	21	17
11	16	18	20	20	17	18	18	21	24	22	21	22	23	21	24	23	22	20	20	20	19	18	17	20	20
12	22	20	24	25	26	26	23	21	22	23	23	23	25	26	23	20	19	22	20	16	8	3	0	14	20
13	18	19	20	22	22	20	14	13	6	13	17	19	23	24	28	29	27	36	37	30	37	37	34	35	24
14	37	36	32	31	34	35	37	28	19	19	23	26	30	****	30	27	19	24	29	28	30	30	29	29	29
15	27	30	29	31	30	30	26	24	24	26	25	24	25	25	26	25	24	25	23	20	21	12	13	15	24
16	17	24	24	25	23	21	16	14	16	21	24	24	28	29	33	24	18	13	12	6	13	17	13	12	19
17	18	13	17	17	17	16	11	11	12	19	28	23	21	24	25	26	26	18	5	0	0	0	3	4	15
18	4	0	0	3	0	0	2	6	10	11	20	37	48	46	54	50	50	47	27	12	7	6	12	21	20
19	24	14	7	7	2	4	0	4	15	24	****	25	27	27	26	27	25	23	4	0	0	0	0	0	12
20	0	0	0	0	0	0	0	2	4	9	17	20	31	30	28	25	25	16	2	0	0	0	0	0	9
21	0	0	0	0	0	0	0	0	1	8	18	20	22	26	29	29	28	24	8	0	0	0	0	0	9
22	0	0	0	0	0	0	0	0	2	5	14	18	32	36	41	38	30	15	4	0	1	0	0	0	10
23	0	1	0	0	3	16	16	11	7	6	14	18	24	27	34	37	50	47	44	41	41	40	35	30	23
24	25	25	25	27	29	30	25	24	25	23	21	24	24	31	36	33	29	26	18	12	11	14	14	21	24
25	23	19	13	12	11	9	10	11	13	10	11	14	19	19	18	19	20	20	15	14	14	14	14	15	15
26	15	14	4	3	7	10	16	18	16	13	19	21	24	22	22	23	23	24	26	26	26	26	23	26	19
27	26	28	27	25	26	25	23	19	24	25	26	22	24	23	22	19	22	22	20	22	19	11	10	10	22
28	13	12	12	12	7	5	2	4	10	20	22	24	32	35	36	25	25	23	7	2	3	17	21	21	16
29	26	28	29	34	30	29	23	20	13	18	15	12	16	10	6	1	1	0	1	1	1	0	0	0	13
30	0	0	2	10	25	31	19	0	0	8	12	14	22	22	27	22	20	16	19	18	8	12	19	23	15
31	30	28	29	28	25	26	25	21	20	18	15	14	20	22	24	23	19	16	13	13	15	17	15	14	20
MEAN	15	14	14	14	14	14	12	11	11	14	18	21	25	26	28	25	24	21	15	13	13	12	12	13	16.6

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	19	28	27	29	29	30	29	29	28	25	25	24	23	22	21	21	21	20	19	16	14	12	11	22
2	12	12	10	9	8	7	1	0	0	19	23	23	25	14	18	13	12	14	10	9	10	18	14	10	12
3	20	24	26	26	26	26	24	21	19	20	20	22	23	29	28	27	27	25	20	7	10	11	1	0	20
4	0	0	0	3	3	5	0	2	3	10	11	12	15	15	15	12	15	20	22	19	14	8	1	8	9
5	15	17	19	21	25	26	25	24	24	28	27	27	31	31	32	23	23	22	21	18	19	25	26	27	24
6	34	31	32	27	24	26	27	26	23	22	21	22	22	21	19	19	19	19	19	20	21	22	21	23	23
7	25	25	26	26	26	26	21	25	26	26	26	26	26	26	28	28	28	25	19	18	16	19	18	13	24
8	10	4	6	1	1	1	2	12	25	23	24	24	22	19	19	17	20	22	19	19	23	24	23	25	16
9	31	32	35	36	34	33	28	26	26	26	27	28	28	29	30	29	27	18	18	10	8	2	4	9	24
1D	14	9	11	14	18	16	15	17	17	19	18	25	29	32	29	32	35	33	29	15	16	10	1	0	19
11	0	0	0	0	0	1	1	4	14	23	****	34	35	34	24	22	14	15	15	15	18	14	12	14	13
12	15	23	20	22	26	26	19	14	11	15	17	16	24	21	16	13	6	10	2	1	1	0	0	1	13
13	9	9	10	13	12	9	7	5	8	13	14	11	6	9	9	1	0	0	11	15	14	7	7	11	9
14	12	8	12	21	23	21	31	39	39	29	27	30	30	28	29	28	28	28	19	15	17	15	12	11	23
15	10	10	9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
16												- DATA INVALIO -													
17	****	****	****	****	****	****	****	****	****	****	****	25	32	31	29	29	24	23	22	19	9	8	11	12	******
18	13	14	11	14	15	18	16	17	18	19	23	23	30	36	34	31	27	23	16	9	18	16	10	13	19
19	15	10	12	16	18	17	13	15	17	21	25	28	32	39	37	34	29	25	21	17	11	1	0	0	19
20	0	0	0	0	2	4	2	2	3	14	17	26	31	32	33	31	26	25	17	5	2	1	2	4	12
21	10	3	0	0	3	4	5	21	23	37	40	41	42	49	49	53	49	41	****	13	17	23	11	1	23
22	0	14	20	31	36	27	17	11	15	22	27	38	41	44	45	46	49	49	38	29	17	17	5	12	27
23	12	8	4	5	7	6	7	6	10	****	****	25	36	30	34	35	48	51	30	19	20	17	12	2	19
24	0	1	0	0	0	0	2	7	13	15	29	47	48	74	72	65	60	28	1	2	0	3	0	18	20
25	5	1	1	6	10	2	2	5	10	4	5	34	58	64	69	59	34	15	1	0	0	18	24	36	19
26	51	37	35	30	37	40	40	36	35	38	38	38	28	28	33	25	12	11	15	20	18	15	12	18	29
27	27	22	20	9	11	11	8	4	2	4	8	7	4	6	7	8	10	11	8	7	12	14	15	2	10
28	8	8	6	9	10	3	7	10	12	15	14	13	10	7	12	20	19	18	17	13	10	15	17	17	12
29	13	18	25	21	23	26	27	28	30	29	29	29	30	30	31	30	30	30	24	16	16	18	20	22	25
30	19	12	7	0	2	0	2	8	16	21	****	15	17	17	31	34	38	41	38	28	21	16	22	22	19
MEAN	14	13	14	14	16	15	14	15	17	21	22	26	28	29	30	28	26	24	18	14	13	13	11	12	18.7

PERCENTAGE OF DATA VALIO - 91.5 PERCENTAGE OF DATA INVALID - 8.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. *-* INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	24	30	30	28	27	22	17	19	19	20	22	22	25	25	26	27	23	16	11	9	5	3	2	20
2	7	3	2	2	2	2	8	16	24	27	27	32	32	32	34	33	36	34	29	28	26	18	18	18	20
3	21	23	24	22	20	7	3	2	1	1	3	1	4	17	19	21	27	30	23	21	28	34	31	31	17
4	32	30	28	24	16	12	10	15	19	21	21	20	20	27	19	18	16	16	15	16	19	21	21	20	20
5	22	23	21	18	27	25	26	28	28	29	29	30	33	35	35	33	32	30	23	20	35	32	26	28	28
6	25	32	15	8	19	23	25	24	22	20	18	21	17	17	17	20	22	18	14	4	3	2	1	2	16
7	11	18	17	14	15	10	3	5	8	****	14	19	29	31	34	35	45	51	38	1	0	0	0	7	18
8	15	12	16	19	15	5	2	1	2	5	30	59	62	64	61	63	66	70	60	46	59	50	37	53	36
9	52	44	43	41	42	34	22	24	33	36	39	50	57	47	32	35	22	42	35	24	9	7	10	24	34
10	36	42	50	50	42	29	28	23	28	43	56	76	63	****	55	53	39	31	31	23	15	14	10	9	37
11	8	17	0	2	7	5	5	7	12	19	17	18	26	63	66	49	52	56	11	0	0	1	10	3	19
12	6	10	12	14	21	26	26	24	26	32	37	32	46	58	64	70	64	46	46	31	16	15	14	12	31
13	16	15	14	15	19	16	16	22	19	21	24	22	28	30	31	22	24	23	19	22	22	23	23	29	21
14	34	31	32	34	26	14	10	14	19	****	31	37	44	45	43	41	43	42	29	8	15	19	24	29	29
15	27	38	35	29	22	18	11	3	6	20	27	30	30	25	26	36	29	29	18	15	17	19	12	17	22
16	17	18	20	25	26	10	16	15	16	19	21	23	30	28	28	30	30	31	24	17	5	4	1	1	19
17	****	****	****	1	0	0	1	8	13	21	26	29	41	38	40	36	29	26	22	10	7	2	1	0	17
18	0	0	0	0	0	0	2	2	5	12	17	23	36	52	56	43	46	46	29	8	1	8	12	16	17
19	10	0	8	4	7	1	8	16	20	30	26	25	29	30	21	16	24	19	8	4	3	2	0	9	13
20	23	31	35	33	33	30	29	32	29	33	38	41	49	58	60	47	47	47	40	30	27	19	1	1	34
21	4	12	57	56	55	53	47	22	23	34	37	41	36	32	31	25	23	23	20	16	13	15	19	18	30
22	16	15	15	13	10	7	9	14	18	20	23	25	27	27	26	26	28	29	24	17	14	12	3	2	18
23	0	0	4	2	0	0	1	10	18	****	22	23	31	26	24	22	21	17	15	11	17	14	19	19	14
24	16	17	19	21	10	4	10	13	18	22	23	20	20	19	16	15	19	22	23	20	22	23	23	20	18
25	20	26	28	27	27	25	17	14	15	15	13	13	13	14	15	14	14	15	16	13	15	18	17	14	17
26	9	3	9	8	6	1	2	5	8	9	13	14	17	20	22	19	18	18	23	21	19	18	18	20	13
27	15	18	19	17	15	14	14	17	18	18	22	28	39	45	45	39	36	32	24	17	16	21	25	29	24
28	30	28	27	23	18	10	8	10	15	****	18	23	24	31	38	38	38	29	30	29	27	22	27	27	25
29	32	34	34	31	26	19	11	6	5	7	12	19	21	23	19	13	12	26	22	20	13	4	1	1	17
30	10	15	18	11	8	5	5	5	13	26	35	44	47	52	51	45	44	43	44	34	19	4	0	1	24
31	4	14	16	19	12	2	1	7	24	46	47	46	55	57	59	58	53	52	43	36	34	17	25	10	31
MEAN	18	20	22	20	19	14	13	14	17	22	25	29	33	36	36	34	33	33	26	18	17	15	14	15	22.6

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	30	39	35	19	16	3	13	21	26	28	34	40	45	47	38	35	29	35	37	11	1	1	0	25
2	9	18	26	31	40	38	11	16	19	19	25	34	38	43	45	39	36	35	30	26	26	29	28	28	29
3	18	32	34	34	35	31	20	24	24	29	37	45	59	62	60	63	64	65	64	51	43	47	41	52	43
4	69	66	54	48	42	36	30	26	****	39	48	57	66	70	68	67	72	67	69	63	62	66	58	38	56
5	52	49	46	44	49	36	28	22	16	17	6	17	36	37	39	34	28	29	30	19	12	8	5	2	28
6	3	8	5	5	2	3	7	12	18	20	21	23	31	33	34	29	25	16	9	6	1	1	0	1	13
7	9	5	8	8	4	5	3	1	2	8	11	18	24	47	57	60	51	13	11	21	0	32	20	7	18
8	0	36	43	38	30	21	12	11	14	20	20	25	36	40	40	43	48	48	37	36	32	27	24	26	29
9	25	31	40	36	36	33	25	32	46	49	43	51	60	63	65	69	62	57	59	53	35	12	10	19	42
10	19	27	28	27	23	19	18	20	23	21	18	25	37	39	40	43	39	32	34	37	32	25	24	24	28
11	24	22	20	20	20	16	15	10	12	****	19	19	22	20	17	18	18	19	16	11	9	2	0	0	15
12	0	3	1	12	17	11	11	12	13	14	19	23	25	22	20	19	16	15	10	6	4	0	5	4	12
13	7	4	4	6	2	0	4	7	16	18	22	28	32	34	34	34	30	32	31	28	17	18	22	24	19
14	21	9	17	14	18	12	9	17	21	25	37	45	45	39	39	45	54	61	55	46	43	42	50	51	34
15	52	52	51	48	45	39	34	33	38	44	59	65	77	73	71	73	77	82	72	71	69	68	66	68	59
16	57	52	46	46	42	37	34	37	42	50	57	75	82	81	79	81	81	79	65	62	63	54	50	43	58
17	38	50	53	47	47	45	43	44	50	56	62	71	78	76	72	71	73	77	72	70	65	53	32	35	58
18	32	27	19	18	17	9	9	10	13	****	22	25	35	40	39	36	34	36	29	23	21	20	13	15	24
19	11	12	7	3	0	0	1	11	22	27	31	30	28	27	28	29	31	34	32	21	6	1	0	0	16
20	0	0	6	7	8	10	11	25	28	38	43	48	51	52	54	56	56	63	65	45	10	22	46	60	34
21	58	54	49	44	44	39	28	27	23	13	15	21	39	43	51	52	56	59	61	55	41	36	32	30	40
22	32	28	25	22	22	19	14	21	20	21	24	31	34	41	17	15	15	15	11	11	9	11	14	19	20
23	18	15	17	19	19	19	19	18	15	13	13	14	11	11	10	10	10	10	11	13	10	6	7	8	13
24	8	9	10	12	15	16	16	18	20	20	22	23	28	29	35	37	38	36	29	13	9	8	9	7	19
25	2	0	0	0	0	0	4	10	12	16	18	20	22	25	25	26	26	25	24	13	0	0	0	0	11
26	0	0	0	0	0	1	5	11	20	27	33	36	40	****	50	53	55	58	59	55	37	29	34	51	28
27	59	70	65	49	45	38	34	31	****	45	47	53	73	80	54	36	34	45	40	46	42	43	41	25	48
28	20	26	38	42	40	22	18	15	41	49	54	59	59	56	49	42	49	54	55	56	50	35	29	22	41
29	22	14	12	25	25	13	7	18	15	23	35	21	25	28	15	3	10	21	24	21	8	5	1	1	16
30	34	37	33	32	29	21	18	26	32	34	37	45	45	49	52	41	43	38	33	30	29	26	32	37	35
MEAN	24	26	27	26	25	20	16	19	23	28	31	36	43	45	44	42	42	42	39	35	27	24	23	23	30.4

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	36	32	34	38	36	34	31	32	31	35	35	40	43	44	45	43	41	32	23	21	19	19	17	15	32
2	19	18	18	15	6	2	5	13	15	26	17	8	12	13	17	13	15	14	16	15	7	6	4	6	13
3	9	10	13	13	13	9	9	10	11	16	19	23	42	46	44	42	43	39	33	22	19	10	2	1	21
4	0	0	0	0	0	0	2	6	13	16	22	24	34	33	35	37	36	30	23	20	18	20	18	17	17
5	20	20	16	19	20	17	15	13	15	15	15	18	28	30	32	32	32	27	23	16	5	7	8	6	19
6	9	7	9	8	3	4	5	6	9	****	15	25	36	40	39	38	39	40	40	30	6	1	0	0	18
7	0	0	0	2	1	2	4	10	15	22	27	31	32	34	43	54	52	46	32	26	18	22	11	13	21
8	10	0	7	16	14	10	10	16	40	53	57	58	40	43	47	49	47	44	51	43	26	19	29	27	32
9	17	20	29	26	23	14	10	13	28	****	49	54	60	66	69	74	69	52	46	43	48	55	49	42	42
10	36	35	35	34	31	22	14	12	13	9	6	15	38	46	55	46	46	43	46	50	46	55	64	74	36
11	72	67	56	44	34	25	23	29	28	27	34	46	58	65	63	66	66	61	32	37	21	16	15	10	41
12	34	47	46	40	34	22	16	12	18	40	51	55	47	53	61	80	76	65	48	42	34	31	38	36	43
13	47	49	40	35	31	16	7	13	37	44	50	83	87	85	75	60	64	60	62	58	50	14	17	9	46
14	0	3	15	13	13	18	7	10	13	25	45	50	56	59	64	62	57	55	47	46	40	47	49	50	35
15	57	59	58	66	60	44	36	41	47	56	61	64	63	69	63	54	57	56	53	51	53	43	44	41	54
16	24	18	11	19	22	8	5	10	30	****	****	****	****	48	65	124	69	38	42	27	29	15	4	5	31
17	5	7	11	13	15	9	7	11	15	17	20	22	23	19	18	19	****	13	13	7	6	2	10	10	13
18	5	0	0	0	0	0	2	5	14	19	25	34	38	41	31	43	55	53	50	30	19	24	31	29	23
19	11	2	1	0	0	0	2	4	11	23	30	36	44	55	51	51	44	38	29	25	21	17	30	38	23
20	38	37	34	30	26	16	17	39	53	****	****	66	66	63	73	66	65	67	59	40	27	29	34	17	44
21	13	24	38	45	29	19	38	48	54	50	31	55	88	77	79	84	78	75	68	63	58	62	54	49	53
22	40	39	40	44	45	46	44	46	49	53	55	55	55	58	55	58	56	51	41	37	31	28	30	31	45
23	27	26	25	24	18	6	4	4	9	14	16	12	19	22	22	18	12	11	11	****	****	****	****	****	16
24													- DATA INVALID -												
25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	42	47	41	33	29	28	25	18	17	20	******
26	19	16	14	14	12	9	9	12	17	19	17	9	15	****	6	6	11	7	7	8	13	13	12	17	12
27	18	21	15	13	14	9	3	6	10	11	13	13	25	30	31	35	41	44	42	42	29	6	10	9	20
28	3	8	14	13	14	13	13	21	21	19	28	42	43	39	35	31	32	29	28	18	7	12	13	12	21
29	4	0	0	0	1	1	5	14	18	22	29	32	33	30	34	56	49	44	38	16	0	10	1	4	18
30	7	9	6	4	0	0	1	5	18	17	30	52	76	80	62	51	63	61	51	42	35	22	17	38	31
31	57	58	61	57	50	29	22	17	19	28	37	44	52	46	41	35	31	31	18	13	15	24	21	19	34
MEAN	22	22	22	22	19	14	13	16	23	27	31	38	45	48	47	49	48	42	37	32	25	22	22	22	29.5

PERCENTAGE OF DATA VALID - 92.9 PERCENTAGE OF DATA INVALID - 7.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	16	13	11	8	8	3	9	5	43	9	10	13	15	15	17	19	21	23	21	20	21	16	6	15
2	5	9	8	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	34	32	33	******
3	31	34	38	38	32	23	19	22	29	36	38	40	47	65	68	65	71	72	63	42	30	42	50	57	44
4	48	50	48	50	49	46	48	49	47	50	55	58	59	49	26	48	40	44	35	35	48	54	47	58	48
5	61	60	53	41	34	30	32	36	36	43	48	50	55	53	53	53	47	40	40	39	27	31	21	13	42
6	11	10	22	29	28	27	20	16	13	12	12	13	16	21	23	25	24	24	17	8	0	0	0	0	15
7	0	0	0	0	1	3	3	6	8	8	9	13	25	27	39	44	63	77	72	57	52	40	32	23	25
8	14	20	17	18	19	12	14	14	12	15	17	18	19	20	23	29	32	34	32	20	8	5	2	0	17
9	1	1	2	4	3	0	0	2	****	18	29	30	37	42	42	44	44	36	20	17	5	8	6	2	17
10	6	17	22	39	25	10	11	28	21	27	34	34	38	39	38	36	35	32	23	21	22	17	18	17	25
11	16	16	15	15	18	15	12	8	10	10	11	16	21	20	19	21	20	20	12	5	0	2	5	7	13
12	5	3	0	0	0	0	1	4	14	19	22	22	24	24	25	27	28	25	22	7	0	0	0	0	11
13	0	0	0	1	3	0	0	4	14	17	19	23	22	40	24	24	26	25	22	21	13	13	18	16	14
14	17	16	13	10	8	5	2	1	1	3	4	3	2	1	1	1	1	1	1	1	1	2	4	0	4
15	0	0	0	1	1	1	1	1	****	****	10	12	19	19	14	14	14	12	8	7	10	4	0	1	7
16	2	4	5	4	0	0	2	4	7	11	18	19	39	51	43	40	55	39	12	4	8	13	11	****	17
17	3	****	****	****	****	15	6	2	14	27	31	39	29	30	30	25	23	18	14	9	6	12	24	31	19
18	20	21	****	****	****	****	****	****	15	10	10	11	****	15	17	19	20	18	****	7	5	2	****	0	******
19	****	****	6	1	2	4	16	20	17	22	29	42	****	****	****	****	****	0	0	0	0	3	9	1	10
20	0	1	3	1	0	0	0	1	5	13	16	17	26	28	36	37	35	28	13	11	3	2	0	9	12
21	3	2	0	0	2	1	0	1	4	17	15	21	35	36	34	33	35	32	15	1	0	0	0	0	12
22	0	0	1	0	0	0	0	0	****	18	20	34	47	49	51	52	54	42	24	15	14	8	0	18	19
23	31	31	41	46	43	29	23	24	21	13	14	23	31	37	32	36	34	28	28	25	16	17	21	19	28
24	20	17	17	19	20	17	14	12	13	19	24	27	24	27	30	35	38	41	42	20	11	12	19	30	23
25	31	33	33	27	34	20	21	20	23	28	29	30	32	47	44	51	52	47	36	26	26	29	26	22	32
26	8	4	11	15	16	13	16	18	19	21	26	31	33	36	35	35	34	34	30	17	9	13	2	7	20
27	22	28	34	32	30	25	20	16	13	18	21	36	****	****	****	****	****	****	****	****	****	****	****	****	******
28	****	****	****	****	40	36	34	78	62	57	30	37	49	55	****	****	****	****	****	40	25	27	75	64	******
29	25	41	29	34	31	23	27	22	****	41	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
30													- DATA INVALID -												
31													- DATA INVALID -												
MEAN	15	17	17	17	17	13	13	15	18	23	22	26	31	34	32	34	35	32	25	18	14	15	17	17	21.3

PERCENTAGE OF DATA VALID - 83.1 PERCENTAGE OF DATA INVALID - 16.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26	****	****	****	****	****	****	****	****	****	****	****	****	-	-	-	-	-	-	-	-	-	0	-	-	******
27												- DATA UNAVAILABLE -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30	****	****	****	****	****	****	****	****	****	****	****	17	18	18	17	15	11	8	8	8	10	10	9	9	******
31	10	7	7	6	5	5	5	5	5	6	7	8	10	14	16	15	9	6	6	6	17	21	21	21	10
MEAN	10	7	7	6	5	5	5	5	5	6	7	13	14	16	17	15	10	7	7	7	14	10	15	15	10.4

PERCENTAGE OF DATA VALID - 5.1 PERCENTAGE OF DATA INVALID - 86.6 PERCENTAGE OF DATA UNAVAILABLE - 8.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	23	22	21	21	22	19	17	15	17	18	18	23	24	24	21	17	16	17	18	16	20	16	14	19
2	14	14	13	13	13	12	10	10	10	11	12	13	14	13	13	13	11	7	7	9	10	10	10	7	11
3	7	7	7	7	7	7	8	11	13	18	19	21	22	23	22	15	14	12	11	16	12	9	8	7	13
4	10	10	11	11	11	11	9	9	9	11	12	13	15	14	12	11	11	6	6	6	7	8	6	6	10
5	8	8	8	8	8	8	9	8	8	12	14	16	16	****	9	8	1	1	0	0	0	0	0	0	7
6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3	4	2	1	1	3	1	0	1
7	0	0	0	2	4	5	5	5	4	4	6	7	10	9	8	8	6	7	8	8	8	8	7	6	6
8	5	5	4	5	7	8	5	5	3	3	4	6	7	6	6	3	3	2	2	3	4	5	5	9	5
9	7	1	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	4	6	1
10	9	0	3	2	0	2	3	4	4	4	4	7	8	8	6	3	1	0	2	2	3	5	2	0	3
11	0	0	0	1	1	0	0	0	0	1	1	3	6	3	6	7	6	6	9	10	8	7	6	7	4
12	7	6	6	9	11	12	11	8	9	9	10	11	16	17	18	13	7	1	0	0	0	0	0	0	8
13	0	0	2	2	2	1	0	0	0	0	0	0	1	1	2	2	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	2	2	4	5	5	6	7	6	3	0	8	9	10	10	6	2	1	4
15	1	0	3	4	5	5	5	0	0	3	4	4	3	3	2	2	2	1	0	0	0	0	2	4	2
16	13	14	16	15	15	15	8	4	6	11	11	10	11	11	11	7	7	4	4	8	8	3	5	9	9
17	10	11	11	12	10	7	6	8	8	9	****	****	15	15	16	13	9	6	4	2	2	3	2	3	8
18	2	2	2	2	2	2	2	3	3	3	3	5	5	4	3	3	2	2	2	2	2	3	2	2	3
19	2	2	2	2	2	1	1	1	0	0	0	1	****	****	****	****	****	****	****	****	****	****	****	****	******
20	****	****	****	****	****	****	****	****	****	****	****	0	12	16	18	12	9	4	0	3	2	0	0	0	******
21	8	9	9	9	9	8	4	2	1	3	5	11	10	10	6	2	0	0	0	0	0	0	0	0	4
22	0	0	5	14	19	23	17	13	11	15	18	14	15	14	13	13	11	11	13	12	12	13	12	14	13
23	16	13	12	16	16	16	11	3	2	6	11	12	14	13	11	9	3	0	1	0	0	0	0	0	8
24	0	3	5	7	10	6	5	5	7	9	9	9	10	11	13	10	4	1	1	0	1	1	0	0	5
25	0	0	0	0	0	0	0	0	0	4	2	1	2	2	1	1	1	1	1	1	1	0	0	0	1
26	0	0	0	0	7	14	12	6	10	12	13	****	****	****	19	22	24	20	16	20	26	27	26	25	14
27	22	23	23	25	25	22	19	19	16	17	12	19	22	19	17	13	6	1	0	0	0	0	0	0	13
28	5	7	4	2	0	2	7	10	7	13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
29												- DATA INVALID -													
30												- DATA INVALID -													
MEAN	6	6	6	7	8	8	7	6	5	7	8	8	11	10	10	8	6	5	4	5	5	5	4	5	6.7

PERCENTAGE OF DATA VALID - 87.4 PERCENTAGE OF DATA INVALID - 12.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4	****	****	****	****	****	****	****	****	****	****	14	16	13	13	12	7	8	8	8	9	12	10	6	4	******
5	0	1	5	8	6	9	7	7	11	11	11	12	17	17	19	20	20	21	25	26	23	11	13	21	13
6	28	31	30	30	30	28	22	17	13	10	8	3	2	2	2	6	4	4	2	4	4	3	1	0	12
7	0	0	1	0	0	0	0	0	1	4	4	8	12	7	6	4	2	3	4	8	12	10	7	4	4
8	3	11	12	15	17	20	21	22	21	18	17	15	16	16	16	15	13	12	13	13	14	12	12	10	15
9	10	10	10	10	10	10	12	13	15	9	13	13	14	14	13	11	12	9	9	10	9	8	5	3	11
10	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	2	5	5	5	6	7	9	10	3
11	11	11	12	31	29	21	17	17	10	12	43	36	24	24	27	20	19	19	21	17	17	23	23	23	21
12	25	25	26	26	26	25	22	18	6	1	3	4	6	7	7	8	9	9	7	3	6	8	8	7	12
13	9	12	13	12	11	12	11	10	7	9	8	8	0	0	****	****	****	****	****	****	****	****	****	****	******
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24	****	****	****	****	****	****	****	****	****	****	****	****	4	1	1	1	1	1	1	1	1	1	1	1	******
25	1	3	4	3	3	5	7	8	8	9	9	10	11	11	12	12	13	14	14	16	13	14	14	14	10
26	14	16	16	18	20	21	20	20	19	17	17	16	14	11	11	12	10	12	11	10	12	10	13	16	15
27	16	17	14	16	23	25	23	21	15	****	12	13	20	17	16	15	15	16	13	13	13	11	11	11	16
28	14	9	13	21	24	25	23	22	10	13	18	18	22	20	19	17	15	11	11	10	6	8	7	7	15
29	7	6	4	4	7	10	11	11	11	11	16	16	19	19	18	16	14	4	5	9	10	9	9	8	11
30	6	6	5	5	6	7	9	10	11	11	13	15	16	13	13	9	8	8	9	9	6	5	1	1	8
31	1	1	1	1	1	1	1	1	1	2	3	4	8	10	11	11	10	10	9	10	10	13	8	7	6
MEAN	9	10	11	13	14	14	13	12	10	9	12	12	12	11	12	11	10	10	10	10	10	10	9	9	10.9

PERCENTAGE OF DATA VALID - 53.6 PERCENTAGE OF DATA INVALID - 46.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	10.2	19	28
FEB	28	16.7	26	49
MAR	31	16.6	31	54
APR	27	18.7	29	74
MAY	31	22.6	37	76
JUN	30	30.4	59	82
JUL	29	29.5	54	124
AUG	24	21.3	48	78
SEP		DATA UNAVAILABLE		
OCT	1	10.4	10	21
NOV	25	6.7	19	27
DEC	15	10.9	21	43
YEAR	270	18.8	59	124

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	360	338	0	0	0	0	0	0	698
FEB	192	443	29	0	0	0	0	0	664
MAR	243	428	69	1	0	0	0	0	741
APR	179	390	79	11	0	0	0	0	659
MAY	154	408	132	42	0	0	0	0	736
JUN	121	266	205	118	5	0	0	0	715
JUL	134	248	190	113	5	0	1	0	691
AUG	187	260	134	37	0	0	0	0	618
SEP	DATA UNAVAILABLE								
OCT	25	13	0	0	0	0	0	0	38
NOV	464	165	0	0	0	0	0	0	629
DEC	203	192	4	0	0	0	0	0	399
YEAR	2262	3151	842	322	10	0	1	0	6588

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
81.9	0	0.3	8.4	15.8	23.2	39.4	50.2	61.9	68.2	124	16.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	9	10	8	2	0	0	0	1	3	3	3	6	5	2	5	0	2	1	3	0	2	4	6	4
2	10	13	16	16	19	17	14	12	42	13	14	15	17	17	11	5	7	7	15	16	-	-	-	19	15
3	****	****	13	12	13	11	8	6	6	11	13	14	16	16	15	11	7	9	14	12	12	12	13	14	12
4	14	14	17	17	17	17	16	14	11	****	15	18	18	17	16	10	7	5	9	8	10	17	15	19	14
5	21	22	22	20	18	13	11	7	9	16	17	15	19	16	12	8	2	1	1	0	0	0	****	0	11
6	0	0	0	0	0	0	0	0	1	6	11	12	15	15	16	15	11	6	8	13	13	8	6	3	7
7	6	5	5	6	3	1	0	0	0	1	2	3	8	7	9	5	4	3	0	2	2	3	1	2	3
8	7	9	7	3	1	3	4	2	5	8	12	17	19	20	18	15	8	5	5	6	7	8	8	6	8
9	5	6	9	8	8	12	10	10	12	16	16	17	19	16	13	10	4	3	2	2	1	1	1	1	8
10	2	3	5	5	4	6	4	2	3	8	12	11	9	****	17	14	8	2	14	4	2	2	****	3	6
11	4	3	0	0	0	0	0	0	0	2	9	14	15	17	17	17	7	1	0	-	-	0	0	0	5
12	0	0	0	0	0	0	0	0	0	1	3	6	16	15	12	10	3	1	-	-	0	0	0	0	3
13	0	0	0	0	0	3	2	1	1	2	3	1	3	5	2	2	2	1	1	3	2	1	****	0	2
14	0	0	0	0	1	1	0	0	10	17	17	19	21	23	25	23	22	18	18	21	21	20	20	20	13
15	24	26	23	23	24	23	16	14	12	15	15	16	18	20	18	16	11	10	12	15	16	16	10	7	17
16	5	2	5	7	10	5	2	1	2	****	11	13	16	17	16	11	4	2	0	0	0	0	0	0	6
17	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	3	12	7	17	18	13	14	14	4
18	18	19	17	17	15	18	18	13	13	22	-	-	21	27	28	25	21	6	5	15	17	12	9	8	17
19	13	4	0	0	6	0	0	0	0	0	2	7	-	9	10	9	5	6	6	4	8	8	6	4	5
20	3	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
21	0	1	0	0	2	1	2	3	9	13	17	18	18	19	22	21	15	12	12	15	15	13	12	10	10
22	15	16	15	17	19	-	12	8	9	12	15	15	17	20	20	14	15	****	12	13	15	14	13	17	15
23	14	17	14	15	16	16	8	3	3	7	11	14	20	18	12	13	12	17	9	1	0	0	0	0	10
24	0	0	0	0	1	0	0	1	2	-	****	3	2	1	1	1	1	1	6	8	8	6	3	3	2
25	3	2	3	12	11	17	16	13	11	10	15	17	17	22	19	19	16	12	17	14	21	20	18	17	14
26	15	23	20	12	12	11	5	12	11	14	16	16	20	15	13	11	10	13	18	14	5	3	2	2	12
27	3	5	9	12	12	11	8	5	3	4	10	19	16	1	3	5	2	1	0	2	0	1	1	2	6
28	4	9	9	13	14	17	16	16	10	8	12	11	16	15	16	13	18	14	9	8	10	12	11	12	12
29	14	17	16	19	19	20	12	12	12	11	13	13	16	15	15	13	11	9	13	18	17	17	15	15	15
30	16	22	24	22	22	24	19	17	15	****	17	23	17	17	15	15	13	-	12	12	12	15	14	21	17
31	22	20	20	19	24	26	22	18	14	19	20	23	26	24	18	20	13	15	16	16	20	17	15	16	19
MEAN	8	9	9	9	9	9	7	6	7	9	11	12	15	14	13	12	8	7	8	9	9	8	8	8	9 4

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	17	19	21	23	24	20	20	18	23	24	26	28	28	28	****	47	19	20	17	14	19	18	17	22
2	15	16	19	21	21	18	12	8	12	18	22	24	24	21	22	19	12	7	5	5	2	1	2	1	14
3	0	2	1	1	0	0	0	0	2	4	9	15	19	21	22	18	12	7	3	3	2	3	7	6	7
4	3	5	7	5	3	6	3	5	24	28	29	33	35	36	37	36	32	29	27	28	26	26	24	22	21
5	22	24	23	22	22	21	17	12	14	17	20	19	18	18	19	17	-	13	13	12	13	11	8	9	17
6	9	10	8	5	3	3	1	1	1	2	7	12	12	17	18	15	2	2	3	3	2	5	0	0	6
7	0	0	0	0	0	0	0	0	1	3	8	14	23	20	14	11	5	1	0	0	0	0	0	9	5
8	23	21	19	22	22	20	13	10	12	22	****	****	21	23	23	23	15	14	16	15	14	14	14	14	18
9	15	21	19	22	21	21	16	9	15	17	21	24	26	28	26	22	20	12	12	7	5	3	6	7	16
10	8	3	7	10	8	7	5	5	10	18	27	29	26	31	31	32	31	25	26	26	25	21	15	11	18
11	15	15	15	13	18	20	13	4	8	15	21	22	19	14	19	21	18	8	3	1	4	0	0	0	12
12	0	0	1	0	0	0	0	0	1	****	8	8	7	6	17	15	8	1	0	4	19	25	23	23	7
13	24	25	23	24	23	21	19	14	14	19	23	25	28	28	27	26	22	12	****	2	4	3	5	5	18
14	7	12	16	23	19	7	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
15	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	16	12	9	-	13	13	14	12	10	5
16	9	12	6	11	19	23	23	18	20	24	26	29	29	29	30	28	25	22	22	21	18	-	25	25	21
17	25	23	23	25	25	26	24	23	26	27	28	29	30	31	31	31	29	16	5	0	1	0	1	7	20
18	9	6	0	5	4	1	1	2	4	11	18	24	22	23	25	25	18	23	12	21	-	7	1	****	12
19	0	1	1	1	0	0	0	0	0	****	6	16	25	27	26	26	20	17	12	11	17	18	18	12	11
20	16	18	29	32	33	32	14	5	8	16	24	29	30	32	34	28	19	15	9	5	3	2	2	2	18
21	3	3	2	2	2	2	2	2	2	3	10	16	19	16	18	18	13	14	16	20	25	27	43	48	14
22	47	47	41	35	38	34	26	17	20	47	40	42	36	20	27	20	12	9	2	5	13	17	17	18	26
23	8	12	10	6	7	9	3	4	21	28	5	4	6	2	2	3	10	8	9	12	10	9	6	3	8
24	2	2	5	10	14	18	7	10	11	20	31	39	40	41	39	38	38	34	33	28	28	28	26	27	24
25	26	26	26	24	26	26	28	26	24	14	6	11	13	6	14	11	10	7	6	11	12	14	7	8	16
26	4	5	4	4	2	2	9	6	8	15	23	25	25	27	29	28	23	****	8	18	16	14	15	9	14
27	22	25	25	23	28	29	11	11	13	16	22	26	25	28	37	32	21	14	12	18	18	17	8	7	20
28	13	18	16	13	11	19	4	6	5	13	18	23	34	40	38	32	11	8	2	1	1	1	1	1	14
MEAN	12	13	13	14	14	14	10	8	11	16	18	22	23	23	24	22	18	13	11	11	11	11	11	11	14.6

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	3	2	1	3	14	6	4	8	10	11	9	5	2	****	3	2	2	9	6	0	1	0	5
2	0	0	3	13	10	9	2	2	4	8	8	7	10	8	12	10	6	-	****	0	0	11	0	0	6
3	0	0	0	0	1	5	1	2	3	7	14	11	10	12	10	9	5	7	0	0	0	0	0	1	4
4	1	1	12	23	23	22	20	26	33	29	31	31	27	30	33	30	30	28	25	25	25	22	18	12	23
5	12	13	16	16	15	14	10	12	15	21	23	26	26	24	16	19	13	12	13	8	11	8	9	10	15
6	15	20	21	23	23	14	6	9	7	8	14	****	10	16	18	21	12	12	19	17	17	17	18	10	15
7	-	****	7	9	1	0	0	1	2	6	15	23	26	21	17	21	14	9	6	7	10	11	5	1	10
8	4	1	1	0	0	4	3	2	3	9	16	28	18	12	16	20	17	18	8	16	23	19	17	9	11
9	9	9	1	0	0	0	0	0	1	4	12	24	24	20	21	14	7	2	1	1	1	4	20	4	7
10	12	15	14	11	9	9	8	6	8	11	13	17	21	27	29	27	26	22	22	20	20	22	23	19	17
11	21	21	18	18	20	20	17	22	25	25	23	23	24	24	21	22	21	19	16	15	15	14	17	16	20
12	20	19	22	23	26	26	20	15	19	21	24	24	27	****	28	25	23	21	19	12	3	1	-	5	19
13	13	14	15	10	8	4	3	3	6	7	9	17	21	26	26	29	28	38	33	32	31	32	31	29	19
14	33	35	39	39	42	41	31	24	17	20	25	28	31	26	49	25	21	30	32	31	30	29	26	27	30
15	28	29	32	29	30	25	22	23	21	80	25	26	26	24	24	21	19	16	14	14	14	9	12	13	24
16	15	15	16	16	13	-	7	3	4	14	16	18	23	26	28	27	26	17	9	6	10	9	11	6	15
17	3	3	4	6	5	5	1	2	6	13	17	23	30	36	29	10	9	4	2	7	8	3	1	2	10
18	2	1	1	1	0	0	0	2	4	7	13	26	27	34	56	54	46	34	33	35	28	6	8	9	18
19	6	12	12	17	16	10	16	11	13	16	22	23	21	13	11	19	18	8	3	2	1	1	1	1	11
20	1	1	1	1	1	1	1	1	3	8	13	18	12	16	26	24	19	-	****	1	1	****	1	1	7
21	1	1	1	1	1	1	1	2	4	14	10	14	24	22	18	14	9	4	1	1	1	1	1	1	6
22	1	1	1	1	1	1	1	3	5	6	12	19	27	31	34	36	25	21	4	15	7	5	4	2	11
23	4	18	36	12	6	11	15	7	7	6	9	7	7	12	11	13	23	33	2	5	28	34	30	24	15
24	15	6	0	6	4	6	8	26	2	2	10	16	16	7	8	4	26	20	10	13	15	14	15	17	11
25	18	14	12	13	15	16	14	15	17	21	23	25	24	24	22	22	23	24	21	12	10	9	11	10	17
26	13	15	17	16	21	20	12	10	12	15	20	21	21	23	22	22	19	21	23	23	17	20	22	18	18
27	17	18	26	28	23	20	14	17	20	26	29	24	27	26	28	28	21	21	18	17	17	13	12	8	21
28	9	3	4	4	7	3	0	7	18	24	26	28	27	32	25	18	17	7	8	10	12	12	1	6	13
29	10	18	26	28	27	23	20	12	11	19	20	16	14	12	9	1	0	0	1	0	1	1	2	0	11
30	2	2	2	18	15	12	3	2	-	1	1	0	0	3	9	24	17	19	18	7	11	20	26	21	10
31	28	28	33	32	32	29	22	17	18	17	18	18	21	22	22	20	20	16	16	24	27	30	32	32	24
MEAN	11	11	13	13	13	12	9	9	10	15	17	20	20	20	22	21	18	17	13	12	13	13	13	10	14.4

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCE5 8RANCH

POLLUTANT - OZONE-CHEMILUMINE5CENT UNITS - PARTS/8ILLION

STATION - WC NO 29025 8ARTON/WENTWORTH HAMILTON MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	32	30	30	29	16	18	20	23	22	25	23	22	22	19	18	13	13	8	16	16	12	5	6	6	19
2	6	5	3	1	0	1	0	1	1	1	1	0	****	****	15	16	****	17	16	13	21	14	13	18	8
3	25	27	26	27	29	30	20	18	25	21	24	32	34	34	33	34	36	33	28	13	7	2	10	4	24
4	2	0	3	5	3	0	0	7	11	10	7	6	8	12	12	13	****	****	13	14	10	12	6	9	7
5	6	11	20	26	28	****	22	20	-	-	****	30	28	27	27	23	22	21	19	19	25	28	34	32	23
6	30	39	39	32	30	33	30	26	24	26	****	24	24	24	24	22	21	20	21	23	19	21	23	23	26
7	25	25	29	29	29	26	24	29	33	28	28	30	32	31	33	37	36	31	28	25	21	20	28	23	28
8	14	19	11	5	3	1	5	12	18	20	19	23	18	18	17	22	20	20	22	17	15	10	12	11	15
9	14	15	18	17	18	17	11	5	10	11	21	30	32	31	30	27	30	34	31	18	6	6	9	9	19
10	18	19	23	27	19	18	10	16	18	30	39	39	37	39	41	36	31	29	17	12	4	9	7	6	23
11	2	2	2	2	1	3	4	6	14	25	29	24	26	25	14	8	6	6	9	8	12	7	3	3	10
12	2	3	8	4	3	4	5	7	7	10	12	8	9	9	16	17	4	13	2	2	1	1	1	1	6
13	1	3	3	1	0	4	4	5	4	4	6	8	9	11	5	12	11	8	0	0	0	4	1	7	5
14	6	12	10	6	0	1	24	35	32	26	27	33	37	37	34	38	35	36	23	13	20	24	23	19	23
15	28	23	23	31	31	32	28	29	27	28	29	31	32	32	33	32	29	32	30	23	27	24	20	23	28
16	25	25	22	23	22	16	9	9	10	14	15	19	21	25	31	29	27	****	23	25	****	14	11	13	19
17	14	24	14	15	10	6	5	5	7	****	****	35	35	-	-	37	35	32	32	22	15	15	15	14	19
18	17	11	16	12	9	8	6	16	33	33	39	****	-	-	45	43	40	38	35	22	20	23	10	13	23
19	18	18	17	13	13	8	3	6	20	30	28	38	43	44	42	47	41	33	25	9	22	19	3	3	23
20	22	14	0	12	5	0	1	3	16	****	7	12	20	25	26	24	23	19	11	4	3	14	6	5	12
21	1	0	0	0	0	0	3	12	18	15	12	22	26	28	27	38	11	9	13	4	3	0	0	0	10
22	0	3	13	9	7	10	15	24	32	18	18	21	25	29	33	44	46	41	37	11	5	2	9	5	19
23	5	6	3	3	1	0	1	2	7	11	26	42	29	16	17	22	17	8	2	0	3	0	0	0	9
24	0	0	0	0	0	0	1	2	6	14	11	****	23	31	29	25	23	33	37	45	66	26	0	3	16
25	1	2	24	18	32	****	29	11	0	3	7	8	13	9	9	14	11	6	18	13	3	2	1	2	10
26	****	****	18	24	25	27	21	18	25	27	32	31	33	33	32	25	20	19	23	21	11	15	8	5	22
27	5	17	17	16	16	15	12	10	9	10	****	13	11	7	8	5	1	2	5	4	2	4	4	6	9
28	9	12	15	11	8	2	1	3	3	6	3	3	3	0	2	0	1	5	4	****	****	****	7	6	5
29	12	12	15	21	20	14	14	19	20	27	26	28	29	27	31	28	27	24	19	20	16	11	1	4	19
30	10	3	1	****	****	****	****	0	0	****	0	****	10	24	26	25	29	29	25	17	17	13	11	13	14
MEAN	12	13	14	14	13	11	11	13	16	18	19	23	24	24	24	25	23	22	19	15	14	12	9	10	16.5

PERCENTAGE OF OATA VALID - 95.3 PERCENTAGE OF OATA INVALID - 3.9 PERCENTAGE OF OATA UNAVAILABLE - 0.8

NOTES 1. "****" INOICATE5 INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA I5 UNAVAILA8LE

3. "*****" INOICATE5 LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES 8RANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/8ILLION

STATION - WC NO 29025 8ARTON/WENTWORTH HAMILTON MONTH - MAY 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	19	21	20	19	14	10	13	20	18	20	20	19	19	25	19	25	20	18	8	2	****	****	****	17
2	****	****	****	****	****	****	****	2	3	12	16	12	9	16	18	13	14	7	7	0	****	****	****	****	******
3	****	****	****	7	5	11	11	2	1	2	0	****	****	****	****	****	****	****	22	26	25	24	24	19	******
4	19	17	16	15	16	5	11	12	17	13	19	27	23	29	22	17	-	17	20	14	9	7	5	9	16
5	9	14	18	19	20	15	20	28	32	34	30	30	29	23	41	38	31	31	26	33	31	35	31	24	27
6	29	29	33	36	28	10	9	20	11	11	12	15	8	12	11	8	12	12	13	6	3	4	4	5	14
7	4	6	4	****	10	9	10	8	7	11	18	23	21	22	17	20	14	13	36	21	0	0	0	3	12
8	15	21	22	9	8	0	1	3	10	10	9	14	12	12	27	51	60	63	36	3	9	19	10	12	18
9	17	38	41	35	29	19	20	19	26	32	37	42	44	42	40	36	37	37	36	35	31	28	9	20	31
10	23	28	36	39	36	13	8	19	27	50	55	66	50	52	50	38	31	14	10	19	25	12	3	0	29
11	7	8	0	9	0	2	1	****	5	16	9	18	20	15	62	47	18	22	9	2	5	5	10	0	13
12	1	1	7	23	18	7	8	12	18	22	29	33	42	47	32	17	17	14	15	20	29	30	27	20	20
13	20	13	16	18	20	19	19	22	25	27	31	32	29	28	31	31	35	33	28	22	23	28	25	29	25
14	32	33	32	32	25	12	9	13	20	29	****	44	40	42	39	35	43	37	29	10	15	10	11	18	27
15	33	40	33	35	22	25	13	27	20	12	****	23	12	18	22	9	7	9	25	13	27	29	9	5	20
16	23	26	28	27	23	11	11	15	19	26	28	29	32	33	36	36	36	37	37	26	8	7	6	2	23
17	-	1	1	****	1	2	3	6	13	14	17	17	28	30	28	24	31	25	10	2	2	11	2	1	12
18	2	1	1	1	1	2	4	6	7	****	6	10	7	18	27	29	28	28	22	32	37	18	0	1	13
19	6	15	17	18	5	4	12	13	19	****	25	13	14	17	23	17	14	9	14	1	0	0	0	0	11
20	0	0	0	7	31	28	24	25	31	36	38	38	40	47	42	14	12	8	5	3	1	3	1	0	18
21	****	11	10	16	32	18	26	36	33	29	29	25	30	29	24	25	27	22	19	18	17	19	20	20	23
22	14	10	12	15	8	8	11	12	18	23	23	27	27	25	26	24	23	22	22	11	11	6	6	****	17
23	5	3	6	3	11	3	7	15	15	14	17	14	13	32	34	24	13	4	15	8	14	6	8	5	12
24	9	3	8	11	14	10	7	4	6	6	8	8	19	17	15	7	10	13	7	6	6	1	3	3	8
25	0	3	4	24	-	****	13	12	12	9	****	4	2	2	3	2	3	5	9	9	8	9	6	2	7
26	1	1	1	1	0	0	0	1	2	6	10	2	5	9	11	15	24	23	24	16	16	16	6	9	8
27	2	7	9	10	9	10	14	16	16	18	22	27	34	39	40	21	12	7	15	16	7	0	6	17	16
28	21	22	****	12	****	2	3	****	7	16	****	22	17	22	16	11	16	17	16	13	10	15	12	19	14
29	14	8	****	6	2	1	0	1	5	11	11	11	10	17	9	12	15	19	14	18	16	1	0	3	9
30	8	4	2	6	2	1	1	1	8	19	25	28	34	53	60	53	33	36	33	28	9	4	0	0	19
31	0	1	0	0	0	1	1	5	16	29	40	45	52	54	46	52	61	50	40	51	13	18	18	30	26
MEAN	12	13	14	16	14	9	10	13	15	19	22	24	24	27	29	25	24	22	20	16	14	13	9	10	17.3

PERCENTAGE OF DATA VALIO - 94.2 PERCENTAGE OF DATA INVALID - 5.4 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INOICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILA8LE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	20	13	13	9	6	17	****	18	26	24	24	17	26	14	13	16	26	29	4	19	16	0	0	16
2	0	0	3	10	25	21	15	13	18	20	24	31	36	41	42	39	44	31	22	18	12	21	28	23	22
3	26	29	34	33	30	28	27	27	32	40	50	55	63	63	61	59	60	58	53	49	47	31	30	46	43
4	51	59	52	50	34	19	12	18	****	****	34	38	****	****	****	41	45	48	57	51	52	43	29	42	41
5	28	25	32	21	20	5	8	11	****	11	11	25	39	42	43	37	39	39	33	25	18	13	12	12	24
6	14	12	10	4	2	2	3	6	4	6	9	13	12	13	12	10	9	5	5	7	0	1	2	3	7
7	3	6	4	5	3	3	3	2	4	5	8	10	11	13	13	12	7	3	0	15	0	0	0	0	5
8	14	19	9	6	5	13	9	9	14	14	16	22	23	28	30	32	35	37	35	31	24	13	16	13	19
9	9	20	23	23	14	10	11	20	17	12	24	42	48	54	54	40	38	38	32	37	41	37	31	28	29
10	30	30	29	17	19	18	14	14	18	23	31	44	56	56	56	55	51	49	45	28	25	21	21	21	32
11	23	23	22	21	20	11	8	18	22	23	27	27	29	29	32	32	31	32	30	24	16	10	4	5	22
12	9	14	13	11	10	4	5	10	19	23	26	26	24	26	22	20	20	22	23	22	16	10	3	7	16
13	10	8	10	13	9	6	5	7	13	17	26	31	31	34	31	32	32	36	35	29	15	1	7	17	19
14	16	25	24	3	0	3	5	13	16	26	36	43	32	****	****	52	59	66	66	61	57	58	62	59	36
15	57	57	56	50	43	29	20	24	38	47	59	68	72	76	76	78	79	85	79	73	64	65	62	67	59
16	64	61	59	57	51	43	39	44	53	60	71	76	80	80	81	83	85	86	82	61	59	59	46	39	63
17	33	48	56	63	70	68	58	56	60	64	75	79	84	83	81	83	85	88	98	82	52	44	38	40	66
18	35	25	24	23	21	19	17	17	20	21	16	25	39	45	37	31	37	37	30	18	13	3	0	0	23
19	0	0	0	0	0	0	3	6	9	17	17	18	25	26	26	29	31	29	17	11	13	5	5	6	12
20	0	0	0	0	0	0	4	6	10	11	18	22	26	27	29	29	22	19	18	10	28	13	19	53	15
21	54	44	43	37	35	22	17	11	12	13	20	29	33	36	45	49	58	59	54	51	43	41	36	42	37
22	34	28	25	22	19	10	9	12	17	21	27	27	26	14	14	12	13	14	14	14	12	11	16	15	18
23	14	15	18	19	19	17	14	11	9	8	9	10	11	11	11	11	12	13	13	11	10	9	4	4	12
24	6	5	5	8	10	12	14	17	24	26	26	28	30	31	31	30	27	27	28	30	20	13	13	14	20
25	10	11	15	12	0	0	6	9	10	10	12	20	24	28	29	38	32	28	28	16	7	2	0	0	14
26	0	0	0	0	0	0	2	5	7	8	12	20	23	27	42	42	50	60	60	53	44	32	39	46	24
27	54	64	70	68	45	27	24	26	35	38	44	55	64	40	25	13	22	49	45	46	24	27	10	8	38
28	31	55	52	51	27	15	7	6	14	43	30	41	46	39	22	23	31	32	15	16	10	7	6	17	27
29	0	2	13	26	23	7	4	5	6	7	****	12	7	4	3	0	2	2	3	9	14	5	0	0	7
30	3	3	2	10	13	4	2	3	4	6	4	10	6	8	12	21	9	19	8	10	7	13	4	0	8
MEAN	22	24	24	23	19	14	13	15	19	22	27	32	35	36	35	35	36	38	35	30	25	21	18	21	25.7

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INDICATES LE55 THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	5	13	16	19	20	20	20	19	19	21	23	23	23	24	23	18	16	12	10	7	5	2	0	15
2	0	0	1	2	3	7	12	18	5	8	7	12	11	11	12	14	17	20	17	11	7	9	15	18	10
3	19	18	17	18	16	6	5	5	8	13	15	20	27	27	29	28	31	31	28	21	18	20	15	13	19
4	12	5	6	0	5	2	10	8	10	11	16	26	25	22	21	23	26	27	28	25	23	20	15	18	16
5	20	13	14	17	12	4	3	8	19	20	23	24	23	20	20	23	27	28	26	22	12	6	7	6	17
6	10	12	12	15	12	4	4	7	11	15	20	27	30	28	28	30	31	29	17	13	8	0	2	0	15
7	0	0	0	2	2	1	2	4	14	22	21	27	35	39	41	42	41	38	29	20	18	15	6	4	18
8	2	9	12	13	13	3	11	16	28	42	46	49	51	54	56	56	54	51	48	40	32	12	0	0	29
9	0	0	2	7	8	1	1	3	6	6	14	18	21	25	25	20	26	32	37	49	16	24	24	38	17
10	38	35	35	31	23	10	5	4	3	7	26	38	42	40	36	25	20	12	19	21	20	22	12	7	22
11	29	43	44	37	34	13	7	13	20	30	44	40	40	46	54	54	52	54	29	34	28	9	4	19	32
12	32	32	31	30	31	13	6	4	34	46	52	63	70	70	68	68	58	65	63	56	47	38	34	24	43
13	35	37	18	14	5	5	6	6	22	40	****	56	62	57	60	71	77	53	37	27	27	30	25	2	34
14	3	11	10	13	0	1	3	8	15	24	51	73	71	83	65	70	68	63	51	36	25	38	47	63	37
15	57	60	65	66	76	65	56	57	52	54	57	62	69	69	62	57	57	50	46	32	18	13	13	20	51
16	20	18	7	2	1	0	1	25	37	47	59	60	57	52	66	42	25	25	29	20	18	18	17	17	28
17	18	13	9	9	7	6	6	6	7	13	17	19	20	10	7	6	13	35	33	35	22	16	14	11	15
18	9	13	12	9	1	0	0	5	8	14	19	21	37	46	43	49	54	61	43	34	27	19	8	4	22
19	2	1	0	0	0	0	0	0	14	24	31	37	39	40	40	44	43	48	38	36	30	27	23	27	23
20	29	31	31	35	34	20	13	19	31	55	65	73	70	78	61	79	81	66	62	53	27	23	19	29	45
21	16	17	31	37	31	14	13	17	31	46	73	81	80	86	71	76	84	83	85	65	59	52	44	39	51
22	50	62	70	59	52	58	59	63	68	72	80	81	81	83	90	88	88	93	88	79	76	72	58	60	72
23	56	58	63	45	47	7	3	13	26	41	46	63	65	69	74	112	109	82	53	56	64	51	40	35	53
24	35	39	35	30	25	15	8	8	18	24	34	41	49	49	50	44	36	39	43	44	38	29	25	28	33
25	30	26	15	12	7	4	6	5	8	12	17	26	29	35	38	39	35	21	11	11	13	9	8	10	18
26	13	15	13	13	15	11	6	9	12	6	8	11	9	9	9	11	12	14	14	19	16	12	13	15	12
27	13	15	13	12	10	3	0	0	2	3	7	8	17	26	30	32	28	35	30	17	7	10	9	14	14
28	17	17	15	13	10	8	5	6	8	10	35	37	34	34	36	30	25	32	32	23	12	10	9	3	19
29	1	3	5	8	10	8	9	10	15	18	21	14	17	15	27	45	47	48	53	27	25	6	2	0	18
30	0	0	0	0	0	0	1	4	13	31	39	40	39	40	40	33	46	53	48	37	35	35	43	44	26
31	42	30	28	43	37	21	21	21	27	28	22	20	30	35	35	27	20	20	20	17	9	1	10	25	25
MEAN	20	21	20	20	18	11	10	13	19	26	33	38	41	43	43	44	44	43	38	32	25	21	18	19	27.3

PERCENTAGE OF DATA VALIO - 99.9 PERCENTAGE OF OATA INVALIO - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	32	36	36	29	26	19	9	6	4	5	4	4	5	6	14	16	10	8	8	3	3	1	3	13
2	4	4	7	9	8	8	6	14	16	20	****	23	27	27	23	18	15	21	22	13	4	2	6	21	14
3	26	29	31	32	28	10	12	11	16	25	36	50	65	63	60	54	62	68	54	36	23	24	22	24	36
4	31	31	42	41	39	23	25	27	30	36	47	57	56	58	55	52	46	46	33	20	35	60	58	60	42
5	53	52	53	45	45	38	28	31	37	45	45	47	48	48	48	49	50	44	40	35	24	23	22	23	41
6	24	27	33	28	32	31	25	15	10	13	17	26	27	29	40	38	39	36	32	24	4	0	0	0	23
7	0	0	0	0	0	0	1	5	9	15	15	15	35	39	50	67	78	76	60	50	39	25	18	19	26
8	21	21	24	20	16	6	3	2	5	5	5	7	14	15	18	26	36	28	25	19	11	4	3	9	14
9	11	12	10	10	6	0	1	2	6	7	5	10	21	18	16	22	25	24	11	2	0	5	4	4	10
10	0	2	6	5	5	0	1	0	****	****	30	32	31	31	32	35	35	32	31	16	15	11	9	6	17
11	6	13	19	21	19	15	11	11	11	14	13	11	16	17	17	17	17	19	19	12	12	14	13	15	15
12	21	20	15	14	16	11	7	7	7	8	13	15	20	22	22	23	26	21	19	7	0	0	0	0	13
13	0	0	0	0	0	0	0	6	18	23	31	35	36	38	41	40	43	47	50	42	40	41	44	45	26
14	44	35	33	27	23	4	3	8	13	18	19	15	13	15	15	13	14	20	19	17	13	10	9	14	17
15	12	12	12	12	10	4	6	10	****	****	15	18	20	19	19	19	20	20	18	13	3	0	0	2	12
16	2	6	7	6	3	0	0	2	8	10	14	17	16	26	29	27	28	29	27	15	2	2	1	0	12
17	0	2	1	0	0	0	0	4	****	20	20	23	24	23	14	13	11	19	22	22	23	18	11	10	12
18	7	8	20	22	23	16	17	23	21	20	17	17	17	16	19	14	18	3	1	0	6	1	5	5	13
19	9	11	15	20	19	19	19	22	32	30	20	36	29	29	20	27	39	40	23	27	24	2	0	0	21
20	0	0	0	0	0	0	0	5	7	****	13	16	16	23	22	17	17	17	8	13	8	11	1	1	8
21	0	0	0	0	0	0	0	1	3	9	13	17	24	22	21	18	17	19	5	2	0	0	0	0	7
22	0	0	0	0	0	0	0	2	3	4	11	22	18	17	17	19	21	13	15	13	2	0	2	1	8
23	0	0	0	0	0	0	0	2	4	7	****	13	16	24	30	25	25	27	25	26	22	12	10	15	12
24	18	14	17	14	16	11	10	11	****	20	21	21	26	32	36	30	37	41	36	30	32	38	42	40	26
25	29	27	30	30	26	19	15	15	20	25	27	31	39	39	40	37	41	39	35	31	17	11	9	9	27
26	4	0	0	0	3	4	5	13	14	12	15	18	23	17	22	19	14	20	12	7	7	10	7	24	11
27	37	28	35	9	16	11	4	4	6	22	41	47	48	42	32	39	40	38	29	26	30	16	12	18	26
28	10	5	5	8	8	0	0	0	3	6	4	10	19	22	19	17	20	13	10	6	8	15	22	21	10
29	22	17	7	13	9	1	9	16	18	18	14	17	27	38	37	35	42	46	42	30	32	25	18	19	23
30	18	18	19	16	19	15	7	8	17	25	30	40	48	54	47	33	37	33	23	15	7	6	6	9	23
31	9	7	5	3	0	0	0	0	6	****	13	14	14	11	14	20	25	20	15	9	6	10	4	0	9
MEAN	14	14	16	14	13	9	8	9	13	17	20	23	27	28	28	28	31	30	25	19	15	13	12	13	18.3

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	4	7	18	30	47	32	26	25	46	65	43	14	12	23	41	47	41	22
2	36	35	31	29	27	22	22	24	28	30	27	28	33	31	33	37	39	37	35	34	37	29	24	26	31
3	26	24	24	21	16	10	8	16	21	23	24	29	29	31	33	32	33	29	22	9	3	1	1	1	19
4	3	7	9	9	8	6	3	3	3	4	7	10	12	11	16	15	13	11	13	10	6	3	1	0	8
5	3	0	0	3	3	0	0	0	5	8	11	19	19	23	16	13	17	14	10	11	15	10	19	10	10
6	5	5	5	13	5	5	0	0	2	9	32	53	57	51	48	44	48	54	41	28	18	17	13	13	24
7	14	16	16	17	12	3	3	3	4	9	8	7	6	7	5	6	7	9	11	10	11	13	9	14	9
8	12	15	18	18	17	15	15	16	18	20	20	17	17	17	17	15	23	26	14	2	0	8	11	6	15
9	5	0	0	0	0	0	0	4	9	19	23	26	23	28	32	35	37	34	29	23	20	10	6	15	16
10	29	36	30	22	20	19	14	14	23	34	39	42	36	20	9	6	8	15	19	21	15	10	8	5	21
11	5	5	4	2	1	1	1	3	6	8	14	16	15	15	18	13	21	23	13	4	0	0	0	0	8
12	0	0	0	0	0	0	0	0	3	8	5	9	12	20	16	21	17	20	10	1	3	1	3	6	6
13	7	4	0	0	0	0	6	19	23	27	40	44	50	54	53	48	36	38	32	30	30	34	30	30	26
14	34	39	35	32	16	21	21	19	****	15	15	16	12	12	20	19	15	13	6	3	2	3	2	1	16
15	1	1	3	5	3	0	2	4	10	11	11	15	18	20	19	21	19	18	11	4	10	7	5	3	9
16	0	10	12	13	10	2	1	7	9	11	19	28	32	35	37	37	39	37	31	27	26	22	19	23	20
17	29	32	34	29	11	4	3	3	11	23	30	44	43	43	37	44	50	46	34	43	46	50	45	47	33
18	47	49	44	35	24	15	12	19	30	40	50	53	53	55	58	51	28	29	24	21	12	9	5	3	32
19	7	13	14	15	15	10	6	10	22	25	25	24	28	27	28	26	29	25	9	5	8	11	9	2	16
20	0	0	0	0	0	0	0	0	****	16	23	26	30	28	28	29	29	28	16	11	8	14	25	27	15
21	25	24	19	18	14	7	4	5	14	19	22	22	24	32	27	30	23	21	11	4	12	13	12	11	17
22	13	5	6	6	5	4	8	6	6	5	7	13	16	20	18	16	15	23	17	14	16	18	18	16	12
23	15	9	5	6	4	5	7	7	5	6	12	13	17	17	22	19	16	13	7	0	0	0	0	0	9
24	0	0	0	0	0	0	0	0	3	7	5	9	12	14	16	17	19	16	14	5	0	0	0	0	6
25	0	0	16	14	7	3	1	1	3	8	14	24	30	38	42	46	54	41	31	29	25	11	3	3	19
26	7	11	20	26	19	7	1	2	7	9	18	22	26	30	34	35	31	24	5	0	0	0	0	0	14
27	0	0	0	0	0	0	0	0	4	20	24	30	35	39	32	24	25	19	6	0	0	0	0	15	11
28	19	29	32	34	24	12	10	7	16	10	6	7	5	3	9	11	12	5	0	0	2	3	0	0	11
29	0	0	0	0	0	0	0	0	4	14	19	14	12	24	28	27	23	34	14	6	2	0	0	0	9
30	0	0	0	4	5	1	1	1	4	9	13	27	37	49	44	53	48	44	41	29	20	24	14	14	20
MEAN	11	12	13	12	9	6	5	7	11	16	20	24	26	27	27	28	28	26	18	13	12	12	11	11	16.1

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	20	18	17	11	6	3	2	3	4	5	4	6	4	3	0	1	3	4	0	0	0	0	0	6
2	0	0	0	0	0	0	0	0	0	0	0	0	2	6	7	6	4	8	2	7	5	0	0	0	2
3	2	2	1	0	1	2	0	0	0	0	0	0	0	0	3	5	6	6	5	8	9	7	7	7	3
4	8	10	7	7	6	0	0	0	0	0	3	6	6	4	11	13	13	16	17	12	9	5	0	0	6
5	0	0	5	6	5	2	0	0	4	5	5	7	9	8	1	2	0	0	4	9	5	6	7	13	4
6	17	14	12	9	7	3	2	3	4	6	8	10	12	10	12	13	11	7	9	14	19	15	5	5	9
7	5	8	10	16	19	16	13	13	13	13	14	15	14	12	11	12	16	13	10	9	7	5	5	6	11
8	6	11	13	13	10	9	6	10	13	16	14	16	11	9	10	4	5	4	0	0	0	0	0	0	8
9	0	0	5	10	7	7	13	13	16	19	21	23	24	24	20	18	21	15	9	15	12	6	0	0	12
10	0	0	0	0	0	0	0	0	0	6	9	****	****	****	10	7	11	8	3	0	0	0	0	0	3
11	6	7	5	5	0	0	0	0	0	6	13	12	14	14	9	8	5	6	11	4	6	7	10	11	7
12	14	17	14	13	8	4	0	0	5	****	8	11	13	8	4	0	0	0	0	2	4	8	10	13	7
13	13	12	12	11	12	10	10	11	10	12	14	16	16	16	12	11	16	15	11	5	2	3	4	5	11
14	4	6	12	13	10	6	5	8	10	13	16	20	20	20	20	19	20	16	8	5	9	8	4	9	12
15	13	15	14	12	6	3	0	0	0	2	5	8	10	12	12	9	10	4	0	0	0	0	0	0	6
16	3	3	3	2	0	0	0	0	0	1	5	5	5	5	8	8	8	3	3	0	0	0	3	3	3
17	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	2	6	5	9	12	7	4	0	****	2	2	2	1	2	6	2	0	0	0	0	0	0	0	0	3
19	0	0	0	4	0	0	0	0	0	0	2	3	3	3	2	1	9	26	27	28	35	31	30	32	10
20	29	29	30	30	27	19	16	14	17	18	22	27	31	32	34	32	29	29	33	30	25	26	30	28	27
21	25	23	23	23	22	20	18	16	14	16	16	16	16	18	19	18	16	14	10	8	10	8	6	6	16
22	6	6	6	5	3	1	0	0	1	2	3	3	3	4	3	3	4	2	2	****	****	****	****	****	3
23												- DATA INVALID -													
24												- DATA INVALID -													
25	****	****	****	****	****	****	****	****	****	15	19	24	23	23	22	20	19	12	9	2	10	8	11	16	******
26	11	13	20	20	18	9	6	11	16	13	13	15	15	17	19	****	****	12	11	9	7	9	8	3	13
27	3	3	8	11	11	10	8	9	13	****	****	****	****	13	13	12	8	8	8	6	5	0	0	0	7
28	0	0	0	0	3	2	3	5	5	5	****	****	9	8	6	6	4	4	4	8	6	5	4	5	4
29	5	7	10	9	10	****	****	****	10	14	16	20	18	15	14	9	5	0	0	0	0	0	0	0	8
30	0	0	8	8	8	10	6	10	****	12	11	11	16	****	****	****	****	****	3	4	2	2	2	3	6
31	2	2	0	0	0	0	0	0	0	2	3	6	9	6	5	2	0	0	0	****	****	****	****	****	2
MEAN	7	8	9	9	8	5	4	5	6	7	9	11	11	11	11	9	9	8	7	7	7	6	5	6	7.7

PERCENTAGE OF DATA VALID - 88.0 PERCENTAGE OF DATA INVALID - 12.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	0	0	0	0	0	0	1	13	21	22	18	16	****	****	****	****	****	13	16	19	10	7	5	9
2	7	4	7	10	9	5	2	2	4	6	10	13	12	13	13	****	****	****	2	1	****	****	****	0	7
3	0	0	0	0	0	0	0	0	2	6	12	17	22	20	21	****	****	11	4	1	3	4	4	1	6
4	2	2	4	6	8	7	4	4	6	6	6	8	10	12	13	15	7	1	2	4	3	1	0	0	5
5	0	0	0	0	0	0	0	0	0	9	9	8	8	4	2	0	0	0	0	0	0	0	0	0	2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	1	8	6	8	6	7	7	11	14	14	13	13	11	8	7	7	7	7	8	6	4	0	2	7
8	3	4	5	9	11	8	4	3	5	7	9	6	6	6	4	4	2	4	2	0	0	0	0	0	4
9	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	2	0	0	0	0	0	0	0	0	0
10	0	0	0	0	2	4	3	3	5	9	14	11	13	11	12	13	12	11	9	6	6	8	7	5	7
11	8	10	12	14	12	12	3	3	1	1	9	11	11	13	15	19	15	12	6	8	8	8	6	2	9
12	2	5	8	10	11	5	3	5	14	9	8	10	14	11	16	12	4	0	0	0	6	0	0	0	6
13	0	0	0	0	0	0	0	0	0	1	3	6	8	10	9	10	5	0	0	0	3	3	3	3	3
14	3	2	3	4	4	4	2	4	4	13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
15												- DATA INVALID -													
16	18	20	23	21	20	20	16	17	15	****	16	16	16	18	15	13	9	6	9	8	6	7	9	10	14
17	10	10	8	10	12	12	12	10	10	11	13	14	14	16	17	12	5	0	0	0	0	0	0	0	8
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	4	0	0	1
19	0	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	15	20	17	9	6	3	5	3	6	13	13	13	10	4	0	4	5	4	4	5	7	7
21	14	16	12	9	8	10	8	8	5	3	6	6	7	6	2	3	0	0	0	0	0	2	2	3	5
22	1	0	0	0	23	32	24	19	13	15	23	18	19	16	16	14	12	14	14	15	16	18	19	18	15
23	22	22	20	16	17	13	6	4	4	9	15	16	16	17	11	9	3	6	3	0	0	0	0	0	10
24	0	3	6	7	9	10	13	15	10	10	8	12	15	16	16	12	6	3	3	3	3	3	0	0	8
25	0	0	0	0	0	0	0	0	0	0	0	3	2	2	2	2	2	2	2	2	0	0	0	0	1
26	0	0	0	0	0	4	0	3	11	13	12	16	16	16	19	20	18	20	21	20	21	21	20	16	12
27	16	16	18	20	20	18	15	10	11	13	16	17	17	18	19	14	4	1	0	0	5	0	2	4	11
28	1	1	3	2	2	3	5	7	9	14	16	15	15	15	15	13	7	5	7	6	6	7	5	4	8
29	4	6	6	6	7	5	3	3	3	6	9	7	10	9	9	6	5	4	4	3	3	3	3	4	5
30	3	4	8	10	10	10	10	10	8	10	13	13	16	15	13	9	5	4	4	2	2	2	2	2	8
MEAN	4	4	5	6	7	7	5	5	6	8	10	10	11	11	10	9	5	4	4	4	5	4	3	3	6.3

PERCENTAGE OF DATA VALID - 92.8 PERCENTAGE OF DATA INVALID - 7.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	2	3	6	6	5	4	2	3	4	5	4	5	3	3	0	0	0	2	5	10	14	16	4
2	14	16	16	18	21	21	21	19	23	26	28	30	27	26	24	20	16	11	5	5	4	7	7	10	17
3	12	9	8	9	8	5	3	3	3	11	14	16	17	19	19	16	10	9	12	12	8	10	13	9	11
4	9	9	9	9	7	6	4	0	0	3	6	8	11	10	9	9	5	3	1	5	5	4	2	0	6
5	2	3	4	3	0	0	0	3	9	13	14	16	16	21	26	26	26	29	32	35	37	36	36	37	18
6	38	38	35	29	23	17	5	2	4	4	4	4	4	6	4	0	0	0	0	0	0	0	0	0	9
7	0	0	0	0	2	2	2	2	2	5	5	****	8	6	8	6	5	5	9	10	8	7	4	4	4
8	8	13	16	18	20	23	23	23	21	19	18	19	21	20	19	16	15	16	12	12	16	12	10	9	17
9	9	9	11	12	13	14	13	11	11	12	11	13	13	13	13	10	7	7	6	6	4	3	3	4	10
10	4	5	7	5	2	3	0	0	0	2	3	4	4	7	9	2	0	0	0	0	8	12	8	6	4
11	10	14	16	19	19	19	14	12	9	14	18	21	23	24	20	17	15	18	17	16	19	21	20	20	17
12	23	27	26	26	24	22	17	5	7	****	11	11	13	12	12	13	13	13	13	15	13	15	16	17	16
13	16	16	14	12	9	6	4	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	7	13	4
14	11	5	4	7	5	3	1	1	4	10	11	12	12	12	11	9	7	6	5	6	7	9	7	6	7
15	4	4	4	3	3	3	2	2	2	4	7	11	14	12	13	11	6	4	5	5	3	2	2	2	5
16	0	0	0	1	2	2	0	0	2	3	2	4	2	1	1	1	17	21	19	21	21	21	23	22	8
17	18	19	20	19	16	18	16	12	5	10	12	16	18	19	18	15	9	9	11	10	12	11	10	12	14
18	11	11	10	9	8	3	1	1	1	3	4	5	5	3	1	1	0	0	3	5	3	0	0	0	4
19	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	4	5	3	4	3	2	2	3	3	3	2	2	1	1	1	0	0	0	0	0	2
23	0	0	0	3	3	4	6	6	5	5	7	8	8	6	6	3	3	2	2	1	0	0	0	0	3
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	1	2	3	8	10	11	11	13	14	15	15	17	16	17	17	17	18	19	9
26	20	20	20	20	21	20	17	16	14	14	17	16	14	12	12	13	11	10	11	7	9	11	11	8	14
27	8	11	13	15	18	17	10	8	11	15	17	18	18	19	18	16	19	10	8	7	8	8	11	9	13
28	9	12	14	20	19	18	13	12	****	13	16	15	15	15	12	10	8	8	7	9	7	5	4	0	11
29	5	8	10	8	11	11	7	7	6	11	10	10	11	13	13	11	8	7	6	7	7	7	6	4	9
30	4	4	4	5	10	11	11	10	10	12	18	17	16	15	13	12	9	5	0	0	0	0	2	2	8
31	0	0	3	5	7	4	0	0	0	5	8	9	9	10	9	9	8	9	7	5	1	0	0	4	5
MEAN	8	8	9	9	9	8	6	5	5	8	9	10	10	10	10	9	8	7	7	7	7	7	8	3	8.0

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	9.4	19	42
FEB	28	14.6	26	48
MAR	31	14.4	30	80
APR	30	16.5	28	66
MAY	29	17.3	31	66
JUN	30	25.7	66	98
JUL	31	27.3	72	112
AUG	31	18.3	42	78
SEP	30	16.1	33	65
OCT	28	7.7	27	35
NOV	28	6.3	15	32
DEC	31	8.0	18	38
YEAR	358	15.3	72	112

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	377	342	1	0	0	0	0	0	720
FEB	261	349	46	0	0	0	0	0	656
MAR	293	395	40	3	0	0	0	0	731
APR	248	346	91	1	0	0	0	0	686
MAY	250	338	98	15	0	0	0	0	701
JUN	185	294	128	89	14	0	0	0	710
JUL	184	291	145	105	16	2	0	0	743
AUG	253	339	119	23	0	0	0	0	734
SEP	303	303	98	14	0	0	0	0	718
OCT	457	190	8	0	0	0	0	0	655
NOV	499	168	1	0	0	0	0	0	668
DEC	489	243	9	0	0	0	0	0	741
YEAR	3799	3598	784	250	30	2	0	0	8463

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
96.6	0	0.0	5.0	11.7	19.0	32.7	43.0	57.6	66.7	112	15.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	3	6	5	6	2	0	0	2	3	2	3	3	3	4	2	2	2	2	5	8	7	9	8	4
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11	-	-	-	-	-	-	-	-	-	-	-	-	-	****	13	11	8	4	1	-	-	0	0	0	******
12	1	1	0	0	0	0	0	0	0	****	13	17	21	18	16	11	11	6	-	-	3	2	2	0	6
13	0	0	0	1	0	6	5	3	2	3	4	4	5	4	4	3	4	4	6	5	5	6	4	2	3
14	1	1	0	0	1	1	0	0	1	13	20	22	23	22	26	30	26	19	16	9	15	18	22	18	13
15	21	28	30	26	25	22	17	12	13	15	10	14	18	17	14	9	6	1	3	5	7	8	7	7	14
16	3	5	4	1	3	4	2	1	1	4	****	13	18	18	16	15	7	3	1	1	1	1	0	1	5
17	2	1	1	1	1	6	6	4	4	10	8	5	5	6	4	1	1	0	1	0	10	13	13	10	5
18	14	18	15	15	14	15	15	8	7	12	-	-	16	20	9	****	18	8	8	8	9	6	3	3	11
19	5	6	8	4	1	1	1	1	1	1	1	2	-	12	17	17	14	8	0	0	5	20	18	15	7
20	16	12	2	2	2	2	1	5	2	2	2	3	3	4	3	3	2	1	1	1	1	1	1	1	3
21	2	2	3	2	2	3	4	6	10	15	17	20	21	23	26	20	19	18	20	25	21	19	20	26	14
22	26	27	22	17	21	-	11	5	6	14	23	26	27	21	29	31	24	****	12	18	13	11	5	2	18
23	8	27	20	20	21	12	6	3	6	12	12	15	21	21	16	18	21	13	12	14	11	15	11	12	14
24	12	16	16	18	17	13	8	5	10	-	10	12	11	8	11	14	14	18	24	23	23	23	22	23	15
25	25	22	17	7	11	19	20	9	7	5	****	9	8	9	10	7	5	2	2	6	7	10	11	1	10
26	0	1	1	0	0	0	0	0	0	0	1	1	17	19	5	1	0	0	1	1	0	1	0	1	2
27	0	5	8	12	10	12	8	4	4	7	7	11	13	14	9	****	****	****	****	****	****	****	****	****	******
28												- DATA INVALID -													
29												- DATA INVALID -													
30	****	****	****	****	****	****	****	****	****	****	22	28	29	32	26	18	15	-	7	17	20	27	21	31	******
31	31	25	31	33	36	36	28	19	13	17	25	30	36	****	13	12	9	10	8	12	10	11	12	16	21
MEAN	9	11	10	9	10	9	7	5	5	8	11	13	16	15	14	12	11	7	7	9	9	10	10	9	9.9

PERCENTAGE OF DATA VALID - 57.9 PERCENTAGE OF DATA INVALID - 30.9 PERCENTAGE OF DATA UNAVAILABLE - 11.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	20	19	20	20	21	19	9	7	7	11	13	15	13	10	6	8	11	9	9	11	9	12	11	13
2	19	20	21	21	23	22	13	5	4	12	14	****	18	15	15	11	5	1	1	1	0	0	0	0	10
3	5	3	2	2	2	3	2	4	0	2	10	9	11	11	11	9	5	4	1	0	0	0	0	3	4
4	11	7	7	4	5	4	2	3	2	8	16	22	27	29	28	26	20	17	20	19	18	16	14	14	14
5	14	14	14	13	13	13	9	1	2	9	14	13	****	16	17	15	-	8	2	2	2	7	6	5	10
6	5	6	9	8	6	3	1	0	0	0	3	8	4	4	4	4	1	4	6	1	4	4	1	2	4
7	5	4	2	1	0	0	0	1	3	5	9	9	8	6	7	4	3	4	3	0	****	****	0	****	4
8	0	0	0	9	14	14	8	2	****	5	****	****	14	15	15	13	7	3	4	2	4	3	4	5	7
9	11	12	13	13	12	12	8	4	2	5	7	8	8	9	10	8	6	1	0	0	0	0	0	0	6
10	0	0	0	0	0	0	0	0	0	1	2	6	11	9	10	11	10	7	5	4	2	2	4	5	4
11	6	5	5	5	6	6	8	11	9	11	10	11	9	7	6	2	0	****	****	****	****	****	****	****	7
12	****	****	****	0	****	****	****	****	****	0	0	****	0	15	12	8	6	4	1	2	9	11	11	12	******
13	16	18	15	16	16	17	14	6	4	7	11	12	15	19	20	19	16	7	****	5	5	5	5	3	12
14	3	7	12	7	4	6	3	1	1	2	2	4	6	6	7	5	11	9	9	11	1	0	0	1	5
15	4	3	10	8	8	7	4	1	2	7	8	14	15	15	13	14	14	11	-	15	12	5	6	10	9
16	10	12	14	16	14	19	15	6	7	11	16	20	21	23	22	17	15	10	8	9	13	-	11	14	14
17	15	18	18	18	17	17	15	13	14	15	18	21	21	18	18	17	17	9	6	4	2	3	2	4	13
18	4	2	1	1	1	1	1	2	7	17	18	21	20	20	20	21	19	17	16	16	-	16	15	****	12
19	****	14	****	15	13	4	1	1	2	4	8	13	****	21	22	15	13	11	7	2	2	5	6	9	9
20	11	6	11	10	9	14	3	2	7	9	11	15	19	22	22	21	16	9	9	3	1	2	3	4	10
21	7	7	4	2	2	1	1	1	1	3	3	2	5	6	7	4	4	2	3	5	11	29	37	37	8
22	36	32	32	35	29	31	23	18	15	14	16	19	17	10	8	10	7	9	8	11	11	14	15	23	18
23	25	26	35	34	28	27	23	16	17	23	16	17	****	6	3	3	1	1	10	16	6	5	3	1	15
24	2	1	1	9	7	4	5	5	13	17	24	26	23	26	25	23	15	8	6	10	12	15	15	11	13
25	15	12	12	17	21	24	19	18	18	14	19	18	19	16	20	13	10	7	5	4	6	9	12	9	14
26	17	19	21	21	21	24	15	6	5	8	13	12	15	18	15	12	6	****	2	8	11	12	13	14	13
27	19	11	16	14	18	19	10	6	6	11	16	19	20	21	23	21	15	9	6	5	6	3	1	2	12
28	1	0	0	1	0	1	2	1	2	2	4	7	14	18	23	27	18	8	5	4	0	0	0	0	6
MEAN	11	10	11	11	11	12	8	5	6	8	11	14	14	15	15	13	10	7	6	6	6	7	7	8	9.8

PERCENTAGE OF DATA VALIO - 94.8 PERCENTAGE OF OATA INVALIO - 4.6 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	11	13	****	25	24	18	10	7	11	16	****	22	20	19	15	12	5	2	10	15	10	1	0	12
2	3	13	21	26	27	30	23	7	10	13	3	3	4	7	6	5	3	-	****	1	1	1	0	2	10
3	6	7	5	11	15	14	11	9	10	10	14	18	22	20	23	24	20	12	18	7	9	3	5	3	12
4	4	6	11	16	18	20	23	18	15	13	11	14	13	8	9	3	13	7	1	0	0	1	0	0	9
5	1	2	10	3	0	1	1	3	3	11	17	****	17	19	18	15	11	7	1	2	2	4	6	4	7
6	8	10	11	16	14	11	3	1	1	3	7	10	8	4	7	6	5	7	3	4	5	5	5	4	7
7	-	****	12	8	1	2	6	0	4	17	24	27	26	20	****	25	20	16	9	5	6	13	7	1	12
8	1	2	5	2	4	5	2	2	2	6	17	20	20	8	4	7	17	8	8	5	1	1	0	0	6
9	0	0	0	2	5	0	0	1	0	2	5	8	19	16	13	9	6	5	7	8	6	9	8	7	6
10	8	1	1	3	3	4	2	2	3	5	5	5	10	14	18	15	14	12	17	19	24	25	23	19	11
11	21	18	20	19	21	21	18	17	20	23	24	26	24	24	26	26	25	23	20	20	15	12	12	14	20
12	17	22	21	24	28	25	18	12	15	21	25	26	****	****	29	26	25	20	21	13	9	4	-	3	19
13	15	11	19	18	15	15	10	5	6	****	****	****	****	****	****	****	****	15	20	15	20	25	25	20	16
14	20	25	30	30	37	37	30	20	5	20	20	21	28	29	30	26	25	21	20	18	21	21	19	24	24
15	27	26	29	29	29	27	23	17	14	21	26	26	26	25	24	22	21	20	16	14	11	7	2	1	20
16	1	3	3	9	17	-	12	7	8	****	16	19	19	24	29	26	24	20	9	1	1	2	3	1	12
17	1	0	0	0	0	0	0	2	5	5	8	15	25	30	24	23	20	17	4	5	4	7	5	D	8
18	0	0	0	1	0	0	1	3	5	7	8	15	20	24	27	34	41	36	31	5	10	29	22	20	14
19	22	25	18	16	14	7	3	3	16	****	****	****	****	****	****	28	18	11	6	0	0	D	0	0	10
20	0	0	0	1	7	2	2	2	3	6	****	****	****	****	****	****	8	-	****	0	0	-	3	7	******
21	6	1	0	7	7	5	2	3	5	17	34	31	37	39	33	33	19	8	7	0	1	0	0	0	12
22	0	0	0	0	0	4	10	5	6	8	8	16	23	29	44	57	35	30	15	5	0	1	11	14	13
23	11	27	31	33	29	35	22	12	18	21	32	38	51	57	58	50	32	9	22	33	48	51	39	36	33
24	18	9	18	29	32	37	33	28	29	23	22	15	7	1	3	19	18	19	18	3	5	0	0	0	16
25	8	15	16	12	9	15	13	15	20	20	24	28	29	27	26	21	18	15	13	9	1	D	1	2	15
26	9	13	18	20	18	19	18	13	16	22	18	****	30	31	33	30	29	28	27	31	31	24	26	23	23
27	20	29	33	40	40	39	31	25	29	36	41	42	42	42	40	42	38	35	33	25	30	26	28	23	34
28	11	12	5	12	16	1	8	25	25	29	38	43	31	12	35	29	30	20	16	18	23	14	23	13	20
29	14	11	11	12	23	10	3	2	2	8	9	4	5	9	8	4	3	3	0	0	0	1	3	5	6
30	5	34	40	43	45	41	31	22	-	20	18	0	0	7	24	30	29	30	27	19	18	18	18	28	24
31	27	26	29	23	24	40	32	27	26	31	44	54	57	55	56	49	41	43	43	43	37	35	41	43	39
MEAN	10	12	14	16	17	16	13	10	11	15	19	21	23	22	25	24	21	17	15	11	11	12	11	10	15 5

PERCENTAGE OF DATA VALID - 94.9 PERCENTAGE OF DATA INVALID - 4.2 PERCENTAGE OF DATA UNAVAILABLE - D.9

NOTES 1. "****" INDICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	45	45	42	43	49	51	51	47	50	53	56	56	56	58	54	51	49	48	44	44	47	47	47	49	49
2	50	50	47	47	45	40	34	26	21	19	18	****	21	27	29	35	27	23	20	21	25	31	30	39	32
3	48	49	51	53	54	53	52	45	46	50	41	****	****	****	36	23	23	23	14	14	13	5	8	10	34
4	11	11	4	6	6	7	6	6	10	14	16	23	24	26	26	24	19	21	26	28	28	25	23	14	17
5	5	11	26	24	28	****	19	16	-	-	27	14	16	27	30	25	14	10	15	21	13	17	33	35	20
6	31	32	45	32	20	31	34	29	27	27	27	25	26	27	28	28	25	24	23	23	22	24	24	16	27
7	14	17	24	27	29	30	27	26	26	29	30	31	33	33	34	33	33	30	25	20	21	19	16	8	26
8	5	4	3	9	6	12	18	18	26	29	26	26	26	25	25	18	17	19	12	13	8	11	12	14	16
9	21	22	32	32	24	24	22	16	12	13	20	12	****	20	22	22	14	16	13	4	1	1	0	1	16
10	7	11	14	24	23	19	18	13	18	22	28	35	35	34	33	32	29	25	19	3	3	3	1	1	19
11	2	4	2	11	9	3	5	8	23	29	34	33	31	29	22	21	22	17	12	12	14	21	20	17	17
12	15	18	24	23	24	30	30	20	22	20	25	22	26	28	26	22	19	21	16	17	26	29	31	27	23
13	32	29	29	36	37	38	39	36	38	38	38	35	29	28	26	23	21	16	19	21	23	23	23	18	29
14	17	19	21	23	27	28	18	7	15	32	25	30	40	41	31	25	11	15	9	14	6	0	0	0	19
15	0	5	15	32	35	33	33	33	35	36	38	39	39	40	42	37	39	37	35	33	30	26	26	23	31
16	26	27	26	24	23	18	14	8	9	13	16	21	25	27	26	28	21	****	17	20	****	17	12	12	20
17	17	18	20	19	20	16	15	9	12	20	25	34	36	-	-	39	34	28	27	17	15	14	11	10	21
18	11	13	6	11	18	16	20	19	27	34	37	****	-	-	39	37	35	33	26	19	16	25	26	23	23
19	21	27	28	20	20	19	19	20	24	33	36	41	40	42	39	39	37	35	23	16	19	22	16	16	27
20	17	20	15	10	8	8	8	5	5	4	10	16	19	20	26	28	19	23	6	0	4	5	1	0	12
21	0	1	1	1	2	9	8	14	22	29	39	43	45	44	39	38	44	27	18	1	1	12	16	4	19
22	1	0	0	0	6	23	26	27	32	38	41	43	44	46	48	43	38	40	20	5	2	1	2	7	22
23	1	2	10	1	6	1	2	3	3	8	13	48	25	28	39	28	26	20	22	8	6	1	1	0	13
24	7	7	1	1	1	1	6	6	5	14	11	31	28	32	36	43	45	41	32	33	51	45	23	1	21
25	0	0	0	5	25	****	40	26	15	9	13	23	43	41	49	36	29	18	36	21	20	29	26	12	22
26	0	14	12	18	34	39	34	20	10	18	22	22	30	23	14	18	3	6	8	12	14	19	19	13	18
27	9	8	14	18	18	15	12	8	11	12	11	8	9	10	10	8	8	5	4	7	7	10	12	15	10
28	15	13	17	22	22	20	22	22	11	15	18	15	10	6	10	12	11	7	5	2	4	2	0	0	12
29	5	6	10	24	29	29	26	28	30	30	28	28	33	37	36	29	26	21	17	20	15	13	6	2	22
30	5	5	12	16	9	3	4	8	9	12	0	10	14	23	31	26	31	28	23	21	8	4	9	24	14
MEAN	15	16	18	20	22	22	22	19	20	24	26	28	30	30	31	29	26	23	20	16	16	17	16	14	21.6

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	34	29	32	28	22	16	19	22	****	****	23	26	25	24	24	27	30	30	20	9	5	2	2	22
2	5	5	9	4	5	4	5	11	12	15	23	24	27	31	30	30	28	16	11	16	23	21	18	25	17
3	26	36	44	48	40	27	17	11	12	12	6	11	8	3	1	1	0	1	7	31	32	33	37	35	20
4	33	29	30	28	19	17	13	13	16	20	23	27	12	9	6	15	-	18	15	17	15	15	17	16	18
5	16	20	26	25	24	18	20	27	28	33	36	33	36	39	36	39	39	26	16	15	34	24	15	4	26
6	3	3	11	25	25	27	24	26	26	28	33	31	31	29	25	25	24	24	24	25	26	23	26	29	24
7	34	36	38	40	40	32	28	29	35	36	24	****	50	54	57	58	56	52	44	42	39	33	34	34	40
8	33	29	30	35	27	11	5	6	7	12	26	25	32	43	48	45	33	27	5	14	5	2	2	47	23
9	45	48	47	35	12	5	4	5	22	29	38	53	57	59	52	31	32	31	20	15	6	0	0	1	27
10	0	0	0	0	0	1	1	2	10	****	41	68	98	84	117	79	36	37	12	13	5	6	2	4	27
11	7	5	10	41	32	18	4	10	30	37	36	52	76	66	58	59	57	76	77	64	52	30	2	0	37
12	0	0	2	4	1	14	22	17	23	43	43	42	55	43	29	30	29	25	21	27	25	21	18	17	23
13	19	23	23	25	27	27	27	27	28	31	33	35	30	31	24	23	29	31	24	14	2	0	0	0	22
14	15	6	13	27	26	12	5	10	15	10	43	40	39	42	45	43	28	27	17	3	5	9	7	17	21
15	21	5	6	17	31	17	6	6	8	16	7	25	30	32	26	26	25	20	18	3	12	11	14	18	17
16	21	26	30	31	27	16	10	13	19	24	31	33	34	32	32	30	28	26	24	17	7	4	1	1	22
17	-	0	0	****	0	2	4	4	8	9	****	25	28	48	40	29	23	32	31	23	12	18	10	9	17
18	10	8	12	4	3	4	5	7	10	19	27	34	40	41	67	52	60	54	42	36	36	26	16	45	27
19	43	32	18	22	22	20	15	22	25	27	30	37	44	55	52	42	38	31	23	4	23	8	6	7	27
20	11	21	31	36	23	18	24	33	28	32	35	37	49	51	54	55	54	54	58	49	28	8	1	3	33
21	****	48	15	0	0	6	42	49	47	40	34	31	39	35	37	36	37	31	19	19	22	17	16	16	28
22	20	21	23	24	24	19	13	11	19	22	11	33	34	33	33	30	31	35	30	24	15	6	23	****	23
23	34	34	30	18	19	16	7	10	20	24	28	27	24	20	36	36	34	34	21	7	25	19	19	17	23
24	14	18	20	13	19	15	7	8	13	16	24	28	30	28	26	24	20	18	17	16	2	0	1	13	16
25	22	27	31	34	-	****	14	8	10	10	7	****	7	7	11	7	6	8	9	8	7	5	2	10	12
26	15	14	16	17	18	15	13	11	13	14	15	17	24	29	32	30	27	22	16	5	11	16	7	9	17
27	14	14	7	10	15	14	14	16	23	25	29	26	26	27	31	40	37	26	26	13	6	2	5	10	19
28	25	7	0	1	0	1	3	7	13	15	****	30	34	38	31	18	15	17	13	2	3	0	0	0	12
29	0	0	3	2	0	0	1	3	2	5	10	6	18	23	24	24	23	28	26	13	8	2	1	0	9
30	0	0	2	1	0	2	9	10	8	18	26	35	37	50	54	58	53	67	73	78	47	-	8	7	28
31	4	6	1	0	0	1	2	4	21	31	51	60	77	81	74	66	58	54	52	37	27	6	3	16	31
MEAN	18	18	18	20	17	13	12	14	18	23	28	33	37	38	39	36	33	32	26	22	18	12	10	14	22.9

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	15	6	29	41	35	30	37	47	50	35	****	-	-	****	****	****	****	****	****	****	****	****	****	******
2	****	****	****	****	****	****	****	****	****	29	33	41	44	48	50	49	44	47	37	23	15	3	1	1	******
3	2	14	14	25	18	18	20	29	36	41	49	63	73	77	74	77	75	70	55	35	10	4	1	3	37
4	2	6	16	31	39	31	17	23	23	****	47	65	67	59	73	70	53	45	45	20	17	35	42	25	37
5	38	56	46	31	23	6	7	17	22	16	28	-	****	34	37	32	34	30	24	21	10	10	6	5	24
6	10	9	12	21	20	15	12	15	20	22	26	27	28	26	24	23	21	19	20	15	15	13	17	19	19
7	24	26	25	21	13	4	4	6	11	22	20	****	76	73	82	81	84	96	67	68	34	3	0	1	37
8	1	18	29	14	22	17	4	9	****	20	21	20	25	36	40	38	39	****	****	19	16	1	0	3	19
9	2	2	2	0	0	1	4	9	31	****	****	****	****	****	****	****	****	****	****	41	40	35	29	15	******
10	18	17	19	27	35	30	21	22	25	27	37	50	64	71	72	70	62	59	54	44	22	19	25	26	38
11	27	26	26	27	24	18	12	17	19	18	18	25	21	22	21	22	22	-	-	14	5	1	1	7	18
12	7	13	16	17	12	8	7	11	20	26	27	25	24	25	27	19	19	23	****	17	8	1	5	8	16
13	9	11	15	17	18	14	9	11	21	30	35	34	35	35	34	33	35	35	31	22	6	1	3	9	21
14	2	0	0	6	****	4	****	****	16	24	28	37	52	59	53	40	51	42	53	68	61	54	46	49	35
15	44	24	31	36	34	18	8	16	7	37	****	****	75	74	81	81	87	91	80	73	59	49	38	38	49
16	37	37	37	43	37	30	19	26	68	74	87	96	103	95	101	105	100	95	81	70	60	40	15	20	62
17	11	5	6	37	37	51	62	61	64	71	83	78	81	82	86	87	88	82	79	86	61	48	42	36	59
18	31	23	23	24	****	23	17	15	16	23	****	26	32	29	33	30	40	30	30	21	12	3	0	1	22
19	4	4	9	13	11	9	6	5	17	16	24	31	29	27	25	23	23	27	27	25	17	20	10	12	17
20	12	12	14	20	16	11	18	17	20	28	31	35	38	47	49	55	47	46	45	48	44	36	12	42	31
21	40	43	40	42	36	24	7	2	5	5	7	16	28	30	23	27	39	43	37	26	14	17	13	14	24
22	32	21	14	30	24	14	11	6	9	11	21	38	35	23	19	17	-	14	12	13	14	20	16	17	19
23	18	19	20	19	17	14	12	11	11	11	12	12	12	14	16	14	12	9	7	7	6	9	7	6	12
24	5	9	****	12	16	18	21	****	22	23	26	27	31	31	32	31	28	25	21	13	7	5	2	5	19
25	10	14	16	17	15	11	7	7	13	19	32	24	19	24	24	21	-	24	19	11	5	3	2	0	15
26	0	0	0	1	0	1	2	3	15	21	23	29	31	37	****	57	42	34	31	13	1	41	43	48	21
27	47	31	27	34	55	42	21	12	9	16	31	49	48	28	34	23	46	24	25	18	47	33	21	21	31
28	30	23	23	32	36	19	13	8	9	10	33	48	64	52	53	50	57	56	47	24	21	32	15	6	32
29	2	0	2	13	16	10	15	13	18	23	****	69	68	45	33	29	30	35	31	23	13	15	6	-	23
30	24	25	31	36	30	28	27	25	32	33	35	31	32	42	44	-	50	43	44	29	24	29	24	32	33
MEAN	17	17	19	23	24	18	15	16	22	27	33	40	46	44	46	45	47	44	40	31	23	20	15	17	28.4

PERCENTAGE OF DATA VALID - 91.9 PERCENTAGE OF DATA INVALID - 6.7 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	36	37	40	42	38	35	37	32	35	33	25	20	27	34	43	49	46	38	31	18	11	11	7	6	30
2	15	6	1	1	1	5	20	38	33	22	17	18	18	19	21	22	25	24	18	10	3	7	7	15	15
3	19	22	20	21	18	9	7	8	13	20	****	25	26	27	24	22	21	21	27	19	6	3	2	5	17
4	6	9	15	11	9	5	7	7	8	9	20	21	25	26	27	24	26	29	24	21	22	15	9	15	16
5	18	14	22	23	23	17	11	14	19	13	21	****	25	25	25	24	26	25	23	18	4	3	7	11	18
6	13	20	20	16	13	7	4	6	13	26	32	32	29	31	33	32	31	28	28	17	7	11	8	6	19
7	8	5	12	9	13	5	4	6	10	21	35	31	35	43	44	46	48	52	49	46	27	9	1	2	23
8	1	0	5	11	23	19	25	26	19	40	46	35	64	71	78	80	80	75	65	52	14	18	41	40	39
9	19	1	10	14	2	23	30	32	20	49	57	67	78	82	71	72	69	71	63	56	26	13	20	48	41
10	79	69	57	52	39	37	15	19	12	8	7	-	15	27	46	54	47	29	19	18	24	22	2	6	31
11	6	25	31	28	28	18	10	16	24	22	53	89	119	142	98	80	43	25	38	42	23	28	1	1	41
12	1	0	0	1	9	10	6	11	35	60	63	59	86	101	93	83	72	59	62	74	58	42	46	61	46
13	50	4	14	19	26	2	5	11	33	56	72	88	91	80	75	64	77	74	67	57	53	21	24	34	46
14	36	12	2	9	19	35	33	61	58	51	76	87	95	113	153	142	109	125	107	85	71	52	42	40	67
15	36	19	6	37	54	66	77	75	74	77	94	113	107	72	79	89	83	61	52	22	11	12	15	21	56
16	7	15	5	2	4	7	10	14	32	48	51	91	155	81	33	21	28	32	25	17	9	7	7	11	30
17	13	14	16	17	17	14	6	-	10	18	26	39	32	22	28	30	26	13	15	8	8	6	5	5	17
18	9	11	14	13	11	7	6	7	12	19	35	53	46	39	35	52	54	52	61	43	8	3	2	6	25
19	10	13	12	6	1	2	5	7	18	25	33	35	43	59	69	65	60	61	54	46	38	14	4	2	28
20	2	6	23	25	23	27	13	12	10	35	50	77	106	91	80	59	53	48	43	45	53	40	27	9	40
21	****	9	11	4	2	4	9	37	49	72	95	92	94	105	120	114	96	103	86	87	83	63	17	10	59
22	17	9	43	72	64	53	-	57	66	76	91	95	92	93	90	88	91	95	98	91	68	59	22	14	67
23	****	47	52	49	40	44	30	11	17	54	71	81	98	106	****	****	****	****	****	****	****	****	****	****	******
24	****	****	****	****	****	****	****	****	****	****	****	47	56	60	62	52	50	37	30	32	38	43	34	33	******
25	29	30	38	28	13	5	6	4	5	9	13	****	35	34	32	38	41	41	28	15	18	17	8	11	22
26	11	10	6	10	14	7	3	2	5	15	4	11	12	12	10	10	13	17	20	19	16	15	17	17	12
27	21	19	16	17	14	7	1	1	3	6	13	28	31	-	37	60	62	65	63	58	22	25	32	17	27
28	4	7	9	3	0	3	4	10	22	19	21	29	34	42	52	52	43	47	49	36	18	15	7	3	22
29	1	4	8	8	4	6	8	15	20	25	36	33	41	45	44	49	46	68	63	47	28	4	0	1	25
30	6	9	11	10	10	4	2	4	15	24	26	51	64	57	60	66	63	76	76	74	55	39	40	56	37
31	52	52	48	36	27	22	4	5	13	13	23	26	27	28	33	31	25	19	11	3	23	17	8	7	23
MEAN	19	17	19	20	19	17	14	19	23	32	42	53	58	59	57	56	52	50	47	39	28	21	15	17	33 0

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 3.5 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	17	28	35	32	25	7	3	7	12	18	21	13	31	35	34	32	28	25	22	23	24	23	24	22
2	28	29	32	31	28	29	18	24	20	21	23	20	36	37	30	27	33	35	30	15	13	3	2	3	24
3	0	0	1	1	3	2	3	12	21	17	62	50	55	57	48	58	57	64	61	49	36	27	10	7	29
4	8	6	4	13	18	18	12	16	29	36	58	85	92	90	87	88	82	77	56	12	5	4	7	4	38
5	3	4	9	17	17	16	18	39	52	58	60	61	60	54	56	56	54	49	47	41	27	22	21	24	36
6	32	37	40	41	36	25	19	18	19	23	25	30	30	32	28	32	29	29	22	19	13	8	7	4	25
7	3	5	8	7	4	8	10	11	****	6	8	11	****	22	32	39	52	58	45	44	38	27	23	18	22
8	16	13	16	16	6	3	2	3	5	10	14	23	28	23	29	33	30	20	18	12	8	3	3	4	14
9	3	8	10	13	10	7	7	10	10	21	23	26	23	****	24	20	20	17	15	16	16	11	7	6	14
10	11	11	13	6	11	15	9	3	2	5	26	40	****	22	37	33	29	25	22	23	15	14	13	15	17
11	12	14	17	16	15	13	9	10	12	14	19	20	22	21	23	22	19	19	9	14	10	4	7	6	14
12	6	6	6	5	6	8	8	9	18	20	24	24	23	20	14	22	26	27	22	18	14	7	1	2	14
13	2	1	1	1	1	2	2	2	9	37	25	28	33	39	40	37	42	41	37	43	44	39	32	40	24
14	39	35	31	35	30	11	5	8	22	21	22	18	17	18	17	15	16	19	-	13	13	12	10	12	19
15	11	10	11	16	16	12	6	9	12	13	16	18	18	19	16	12	13	15	10	9	2	1	0	1	11
16	1	4	5	7	2	2	2	6	9	18	19	20	26	23	29	27	28	28	22	1	2	10	4	0	12
17	0	2	1	0	0	0	3	4	4	7	9	13	20	29	15	13	12	9	7	17	22	16	5	20	10
18	11	31	33	41	28	26	22	19	5	6	7	7	5	5	4	4	2	1	1	0	0	0	0	0	11
19	0	0	0	1	2	11	17	26	34	34	36	39	35	48	59	63	58	60	46	27	17	0	1	1	26
20	1	2	1	0	1	1	1	2	6	3	24	23	19	19	22	22	16	12	12	7	5	0	0	1	8
21	0	0	0	0	0	0	2	4	10	12	27	32	27	41	27	24	18	17	11	0	0	1	0	1	11
22	0	3	2	4	6	8	7	9	16	23	8	32	35	39	42	38	33	32	29	22	18	18	17	18	19
23	13	11	9	10	9	11	5	2	2	2	3	5	4	1	7	10	9	10	13	12	12	10	5	1	7
24	18	23	18	19	15	9	5	5	8	13	19	25	22	27	24	34	37	25	22	22	28	23	14	20	20
25	25	24	29	24	25	25	20	20	23	23	29	33	35	32	27	28	30	30	28	18	16	12	11	11	24
26	4	9	10	13	11	10	14	15	20	22	13	18	23	26	28	32	29	26	24	22	19	14	10	5	17
27	8	17	26	****	28	24	14	4	10	16	29	36	40	43	****	48	35	44	35	31	25	21	18	12	26
28	6	1	0	0	0	0	1	3	10	14	25	33	36	41	41	42	35	29	23	22	22	27	24	18	19
29	18	21	23	21	27	14	10	7	13	14	9	11	18	21	25	28	23	19	25	20	16	4	8	2	17
30	1	3	8	4	4	2	2	7	14	17	17	37	46	39	42	40	34	31	22	11	2	1	5	3	16
31	7	13	12	14	10	4	4	2	17	11	13	21	26	28	26	27	26	18	20	20	19	14	8	9	15
MEAN	10	12	13	14	13	11	9	10	15	18	23	28	30	32	31	33	31	29	25	19	16	12	10	9	18.7

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	6	0	0	0	0	2	5	15	24	31	51	71	92	95	89	75	66	58	67	55	38	43	47	39
2	47	49	44	34	31	31	29	27	28	30	34	29	26	32	33	27	30	34	32	23	19	19	16	12	30
3	18	14	9	11	18	23	18	24	29	26	32	31	33	32	33	26	23	19	10	4	3	3	4	6	19
4	7	9	12	13	12	8	2	2	5	9	7	16	10	19	23	25	23	25	16	19	16	11	9	5	13
5	5	1	0	0	1	1	1	6	15	24	31	38	37	39	30	30	26	34	47	47	37	33	10	5	21
6	3	3	4	4	6	4	1	1	1	5	28	55	58	49	57	49	39	47	41	36	31	24	21	23	25
7	21	19	11	11	11	13	5	4	9	14	11	9	7	7	8	10	6	4	4	5	4	7	8	7	9
8	7	8	13	17	18	14	9	10	14	17	18	21	23	24	22	24	26	23	14	2	2	2	1	0	14
9	1	0	1	3	4	3	9	7	14	22	27	32	32	36	35	36	35	30	29	28	26	26	16	4	19
10	7	8	7	3	11	17	2	9	16	21	****	29	20	11	17	13	15	9	10	6	3	3	1	2	10
11	1	3	6	5	5	2	3	3	5	12	16	17	19	26	29	-	33	21	18	12	11	7	5	5	11
12	2	6	11	20	19	8	4	10	16	19	23	21	30	29	38	34	31	28	24	21	17	18	22	23	20
13	15	11	12	10	8	3	1	15	20	32	37	45	39	37	40	41	45	46	40	38	35	25	33	37	28
14	33	40	41	36	34	24	7	4	4	****	****	7	4	12	15	16	14	11	5	1	0	3	2	2	14
15	1	1	3	3	7	6	2	5	16	18	21	23	23	25	24	24	24	18	12	11	8	3	5	2	12
16	3	1	5	11	17	14	10	9	9	12	19	24	29	36	34	37	32	22	14	14	11	4	2	10	16
17	15	15	17	21	13	2	2	1	7	11	22	31	37	46	48	38	35	37	35	23	20	23	23	27	23
18	37	35	35	31	24	8	4	6	11	24	33	40	45	52	52	53	51	44	33	****	12	9	6	7	28
19	10	15	19	19	18	11	7	13	16	18	18	20	20	22	21	19	15	****	5	5	3	1	1	2	13
20	5	3	1	1	1	1	1	2	5	11	14	21	25	29	29	22	21	18	9	6	8	3	3	5	10
21	5	11	16	14	9	2	1	2	5	7	9	21	26	19	13	10	8	5	3	2	****	4	1	3	9
22	4	4	3	5	7	8	6	6	7	12	17	20	21	22	23	23	20	13	6	4	3	4	4	4	10
23	4	3	3	5	5	8	6	8	9	20	22	22	21	22	19	23	23	21	12	6	4	1	1	1	11
24	1	1	1	2	3	1	1	3	10	16	****	****	19	25	28	30	31	33	23	21	16	9	1	6	13
25	6	0	0	0	0	0	0	0	1	4	8	16	20	19	25	25	18	27	17	2	19	1	1	5	9
26	7	14	14	24	29	14	1	3	8	15	24	24	25	27	31	26	24	19	2	0	0	0	0	0	14
27	0	0	0	0	0	0	0	0	2	10	21	27	39	31	24	31	28	25	15	8	4	13	5	6	12
28	8	12	5	7	3	1	5	6	2	3	10	11	8	11	9	13	11	6	0	7	4	0	0	0	6
29	0	0	0	0	0	0	0	0	2	11	23	31	39	52	50	45	36	29	21	16	14	6	3	2	16
30	0	0	0	0	0	0	0	1	9	15	21	21	18	27	33	31	25	18	9	1	0	6	15	12	11
MEAN	10	10	10	10	10	8	5	6	10	16	21	26	27	30	31	30	27	25	19	15	13	10	9	9	16.1

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	11	16	18	22	16	5	2	2	7	4	13	13	18	11	19	14	6	3	2	0	1	0	0	9
2	1	3	10	21	13	4	0	0	1	2	10	18	14	14	13	11	13	17	23	17	16	16	12	12	11
3	15	19	22	21	17	12	5	3	6	2	1	1	0	2	2	1	2	2	8	10	4	0	0	7	7
4	23	26	22	18	15	4	3	3	6	9	5	3	0	1	2	0	0	0	0	0	0	0	0	0	6
5	0	0	0	0	6	2	0	0	1	2	3	4	3	****	4	1	1	3	0	0	3	4	1	5	2
6	11	14	16	12	10	4	1	3	6	6	9	9	9	13	10	9	24	12	11	11	15	20	14	7	11
7	3	4	10	8	14	15	14	14	14	13	14	13	13	12	12	13	13	10	8	7	5	4	5	6	10
8	7	-	8	7	10	9	7	10	15	19	20	17	16	11	10	6	3	0	0	2	5	6	5	5	9
9	5	8	9	8	7	9	6	5	4	2	-	****	18	20	17	13	9	6	2	0	1	1	0	0	7
10	0	1	-	2	0	****	0	0	1	7	13	18	20	18	18	18	13	5	1	0	0	0	0	0	6
11	0	0	4	3	5	2	0	1	2	4	7	10	20	21	****	14	7	7	4	3	6	15	10	13	7
12	13	18	24	22	17	10	2	1	1	1	4	6	9	10	7	3	0	1	0	2	7	3	5	7	7
13	4	8	9	8	4	3	2	3	5	3	5	7	8	10	9	6	5	1	1	2	4	3	1	0	5
14	0	0	0	0	2	1	1	2	4	4	5	6	6	6	5	4	3	2	1	1	0	0	0	0	2
15	1	1	0	1	1	0	0	-	0	****	0	2	5	9	18	20	14	3	1	3	3	1	0	1	4
16	2	7	12	11	9	6	0	2	7	12	13	-	18	18	18	15	13	7	5	6	6	6	4	2	9
17	1	1	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	4	9	10	6	2	0	3	****	5	8	11	13	14	10	6	3	2	2	1	1	0	1	5
19	1	2	7	17	19	11	4	3	4	5	8	9	11	12	11	3	-	14	20	24	23	9	8	10	10
20	6	13	21	23	8	7	7	4	5	8	19	24	30	32	32	20	20	31	29	15	19	21	16	18	18
21	21	25	26	27	26	17	13	18	18	21	20	23	22	18	31	31	29	20	14	6	2	6	0	0	18
22	3	1	0	0	0	0	0	1	3	7	6	11	13	13	14	12	8	7	3	2	4	5	4	5	5
23	9	23	31	21	16	15	6	2	1	4	1	2	2	2	2	1	0	1	1	1	2	2	2	2	6
24	1	3	6	7	9	5	1	1	2	2	1	1	4	6	7	4	3	8	8	10	10	-	10	13	5
25	14	14	15	16	17	11	2	3	11	16	20	21	17	****	14	11	4	7	7	10	8	3	7	12	11
26	12	15	17	17	16	12	3	1	5	5	7	11	14	-	13	12	10	10	12	13	14	16	16	16	12
27	16	19	21	20	17	9	3	8	11	14	17	19	22	14	16	10	8	10	8	9	12	9	6	8	13
28	7	6	9	8	7	7	1	0	1	2	6	10	9	-	8	7	3	0	4	4	3	2	6	11	5
29	11	11	12	12	12	14	11	2	0	2	4	****	4	7	5	5	2	1	1	1	9	7	0	0	6
30	0	6	12	13	15	12	6	10	5	7	9	13	14	15	14	14	11	3	4	7	8	11	11	11	10
31	13	10	11	12	13	9	4	2	7	10	12	6	17	17	17	14	9	10	16	13	9	2	1	1	10
MEAN	7	9	12	12	11	8	4	4	5	7	8	10	12	12	12	10	8	7	6	6	6	6	5	6	7.9

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	3	8	20	18	15	2	2	2	4	2	2	4	2	2	1	1	0	0	0	6	11	11	2	5
2	0	5	4	3	3	1	1	0	1	7	12	8	8	10	9	5	2	0	0	0	0	2	2	2	4
3	1	0	0	0	0	1	0	2	5	6	7	11	17	15	16	13	7	4	7	4	1	2	1	-	5
4	2	2	0	2	3	1	0	2	6	11	19	19	17	14	14	9	9	4	0	1	2	3	1	2	6
5	0	0	0	0	0	0	0	0	3	****	7	11	15	16	11	5	3	7	9	4	4	1	0	1	4
6	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
7	0	2	5	8	12	14	13	6	3	10	16	17	20	14	10	8	9	10	8	6	8	6	13	5	9
8	1	3	4	6	10	-	****	6	6	6	5	5	3	2	2	1	1	2	1	1	0	2	2	2	3
9	2	0	0	1	0	1	0	0	0	1	1	1	5	4	3	1	1	1	0	-	-	1	1	0	1
10	0	0	0	0	1	2	3	2	6	12	12	19	19	16	16	11	6	3	3	2	2	4	5	3	6
11	5	2	-	8	4	1	3	5	3	8	11	6	-	7	11	10	15	6	10	4	1	1	3	0	6
12	2	7	13	-	14	14	14	6	7	9	15	17	11	13	10	8	6	1	4	2	0	0	0	0	8
13	0	0	0	1	2	2	2	0	1	1	2	2	7	5	6	6	3	1	0	0	0	1	0	0	2
14	0	3	5	4	6	5	1	0	1	3	8	13	15	12	6	3	1	0	0	1	2	2	1	0	4
15	0	0	0	0	0	0	0	0	1	2	3	5	3	1	0	0	0	0	0	0	0	1	4	10	1
16	18	21	22	22	22	20	16	4	5	****	14	12	13	10	10	5	2	1	2	2	0	0	0	1	10
17	1	1	3	5	6	4	4	2	1	1	3	6	7	8	14	11	6	3	0	0	0	0	0	0	4
18	0	0	0	0	0	0	0	0	0	1	10	10	5	8	12	11	4	2	0	3	4	3	5	6	4
19	6	8	5	6	5	4	2	1	0	2	3	1	****	6	4	1	0	0	0	0	1	1	0	0	2
20	0	0	0	0	0	0	0	0	0	1	3	8	10	8	8	6	1	1	1	1	3	5	5	6	3
21	8	10	10	10	10	10	5	2	3	3	4	4	8	9	8	5	6	-	10	9	9	5	3	2	7
22	2	1	2	1	0	0	0	0	2	2	2	2	3	5	2	2	7	7	3	7	5	4	3	3	3
23	3	6	12	16	9	2	0	0	1	1	3	3	7	7	5	3	0	0	0	0	0	0	0	0	3
24	0	0	0	9	9	9	7	7	12	11	10	12	11	11	11	6	2	1	0	0	0	****	1	0	6
25	2	0	1	0	0	0	3	1	2	3	5	4	5	9	10	8	7	8	8	8	8	8	8	7	5
26	7	5	5	7	10	6	3	0	3	8	6	1	9	8	9	8	9	13	15	17	18	16	16	18	9
27	17	14	13	18	19	19	6	1	1	3	7	8	9	9	9	5	2	1	1	1	0	0	0	0	7
28	1	0	0	3	7	5	2	5	6	12	18	16	16	17	11	7	7	7	7	4	4	3	4	5	7
29	4	3	5	9	9	8	2	1	2	****	****	7	6	9	11	8	-	****	2	1	3	3	4	4	5
30	3	3	4	9	8	11	8	6	5	10	10	14	13	12	13	12	6	3	2	1	1	2	4	1	7
MEAN	3	3	4	6	6	5	3	2	3	5	8	8	10	9	8	6	4	3	3	3	3	3	3	3	4.8

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	2	2	4	3	3	9	11	6	6	5	2	2	1	****	0	0	1	1	2	3	6	8	3
2	9	9	12	12	12	5	10	12	15	15	19	22	23	22	19	18	11	1	0	1	0	0	0	0	10
3	0	0	6	8	8	9	1	1	3	5	3	13	12	16	16	10	****	7	5	2	2	5	7	4	6
4	3	3	3	3	2	1	1	0	1	2	3	7	12	14	11	7	2	2	3	5	3	1	1	0	4
5	0	1	2	1	4	3	3	2	2	3	9	11	11	10	12	11	5	11	1	3	9	19	4	14	6
6	15	17	19	18	14	8	0	0	0	1	1	1	1	2	0	1	0	0	0	0	0	0	0	0	4
7	0	0	0	0	0	0	0	0	1	3	6	8	9	7	3	4	2	2	2	7	6	3	2	0	3
8	2	7	14	16	19	24	22	19	19	19	20	20	21	18	18	15	9	5	****	9	12	11	10	8	15
9	3	6	6	9	13	15	12	9	3	5	7	8	10	10	8	2	1	3	2	1	2	2	5	6	6
10	9	10	13	9	6	5	1	1	6	2	3	5	4	2	3	2	1	0	0	0	0	1	5	5	4
11	6	8	9	8	8	0	0	1	1	4	****	8	12	9	8	11	4	3	1	5	6	7	6	9	6
12	9	10	11	12	8	11	5	4	2	4	6	9	13	11	11	10	4	5	6	9	10	13	9	13	9
13	13	12	15	13	11	10	4	1	0	1	3	4	3	2	2	2	0	0	0	0	0	0	2	12	5
14	15	11	11	10	5	2	0	0	1	6	12	13	12	****	11	6	4	6	5	2	5	5	7	4	7
15	4	0	3	1	0	0	0	2	7	9	9	9	13	14	14	9	6	4	2	2	0	0	0	0	5
16	0	0	0	0	0	0	0	0	1	2	2	2	2	1	0	8	10	10	14	17	16	16	16	17	6
17	19	21	20	22	20	18	10	2	2	3	6	****	****	16	12	13	9	5	7	10	11	10	12	14	12
18	15	17	17	15	6	8	8	4	6	4	4	5	5	5	2	0	0	0	0	0	1	10	10	10	6
19	11	11	12	8	6	5	3	4	7	6	9	6	5	5	34	3	1	0	1	1	1	0	0	0	6
20	0	0	1	1	1	0	0	0	0	0	1	2	2	2	3	2	0	0	0	0	0	0	2	4	1
21	2	5	6	10	9	8	4	2	2	4	6	7	8	10	9	6	4	2	1	1	1	1	1	1	5
22	2	3	3	4	4	4	5	7	5	6	5	5	3	2	2	2	2	2	2	2	2	1	1	0	3
23	0	0	1	1	1	1	2	4	4	5	3	3	2	2	2	1	1	1	1	1	1	1	0	1	2
24	1	0	1	1	1	1	1	1	2	2	1	1	2	2	2	1	1	1	1	1	1	1	0	0	1
25	0	0	0	0	1	4	4	5	6	10	10	10	8	9	9	8	9	11	13	13	13	13	11	11	7
26	15	17	18	19	19	19	17	18	17	16	15	16	17	15	12	9	9	10	8	7	9	7	7	9	14
27	10	10	14	19	18	17	16	10	12	11	****	16	17	16	14	9	5	6	4	5	7	9	7	12	11
28	15	15	15	22	21	18	13	3	4	6	14	16	16	15	12	8	2	1	4	3	0	1	1	3	10
29	3	4	3	3	4	0	3	5	3	11	14	14	16	15	11	8	6	3	2	7	11	9	6	5	7
30	6	2	2	7	9	8	6	4	3	10	15	17	15	18	17	13	7	1	0	0	1	1	3	1	7
31	3	8	11	9	1	0	1	0	1	2	5	6	6	9	10	5	0	0	0	0	0	0	0	-	3
MEAN	6	7	8	8	8	7	5	4	5	6	7	9	9	9	9	7	4	3	3	4	4	5	5	6	6.2

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	17	9.9	21	36
FEB	27	9.8	18	37
MAR	30	15.5	39	58
APR	30	21.6	49	58
MAY	31	22.9	40	117
JUN	27	28.4	62	105
JUL	29	33.0	67	155
AUG	31	18.7	38	92
SEP	30	16.1	39	95
OCT	31	7.9	18	32
NOV	30	4.8	10	22
DEC	31	6.2	15	34
YEAR	344	16.4	67	155

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	251	171	9	0	0	0	0	0	431
FEB	365	263	9	0	0	0	0	0	637
MAR	298	329	70	9	0	0	0	0	706
APR	160	380	149	15	0	0	0	0	704
MAY	197	328	152	48	3	1	0	0	729
JUN	121	299	156	61	22	3	0	0	662
JUL	169	246	129	116	36	13	3	2	714
AUG	257	349	100	25	6	0	0	0	737
SEP	318	276	99	15	3	0	0	0	711
OCT	489	230	6	0	0	0	0	0	725
NOV	605	98	0	0	0	0	0	0	703
DEC	570	164	1	0	0	0	0	0	735
YEAR	3800	3133	880	289	70	17	3	2	8194

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
93.5	0	0.3	4.8	11.3	20.1	36.2	48.6	68.0	81.4	155	16.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	4	5	0	0	0	0	0	0	0	0	3	2	2	1	1	1	1	3	4	4	4	5	2
2	7	8	9	11	11	10	9	5	3	5	7	5	6	6	6	5	2	3	2	8	-	-	-	14	7
3	16	17	19	14	9	7	5	2	3	6	9	13	11	10	9	7	2	3	5	5	8	9	7	6	8
4	10	12	7	12	10	8	3	2	3	6	10	10	10	13	9	6	5	4	4	7	7	14	12	11	8
5	17	18	19	18	18	11	10	5	4	6	8	9	14	11	10	3	3	2	1	1	1	1	****	1	8
6	1	1	1	0	1	0	0	1	2	5	10	7	10	11	9	12	10	7	7	9	7	5	4	5	5
7	4	4	3	3	1	2	1	1	2	2	4	3	2	2	2	1	1	1	1	1	2	1	2	1	2
8	1	2	4	5	3	2	2	1	1	3	8	12	15	****	4	****	5	3	2	0	1	2	2	1	4
9	5	7	3	5	7	4	3	3	2	4	3	4	5	5	5	3	1	1	0	0	0	0	0	0	3
10	0	0	0	1	1	0	0	0	1	2	6	6	7	****	****	7	6	3	2	1	4	3	****	3	3
11	4	6	1	0	0	0	0	0	0	1	2	5	10	12	9	8	5	2	-	-	-	0	0	0	3
12	2	1	0	0	0	0	0	0	0	6	8	10	9	11	12	10	5	3	-	-	2	0	-	0	4
13	0	0	0	0	2	7	4	3	2	-	5	6	7	6	6	5	5	7	8	8	7	9	5	2	5
14	3	1	0	0	2	2	0	0	0	11	16	17	18	18	20	22	18	13	12	4	11	13	11	11	9
15	14	22	22	21	17	14	7	5	4	6	8	10	13	11	9	6	3	3	3	2	0	4	3	7	9
16	7	5	3	3	1	2	1	0	1	3	8	10	14	15	11	7	4	1	0	1	0	0	0	0	4
17	0	0	0	0	0	10	6	3	4	7	5	3	4	3	2	0	0	0	0	0	5	6	6	4	3
18	8	7	8	9	7	10	6	4	5	9	-	-	12	14	16	10	6	4	4	4	3	4	2	1	7
19	1	1	1	1	1	1	0	1	1	****	1	1	-	9	6	7	6	6	1	0	9	14	12	12	4
20	12	9	2	7	7	2	3	3	3	4	5	5	5	5	4	5	3	0	0	0	1	1	0	2	4
21	3	4	1	0	1	2	2	2	5	9	11	12	13	13	15	12	10	8	10	10	10	9	10	10	8
22	11	9	7	5	10	-	3	1	2	6	11	13	13	13	13	12	-	****	3	9	4	1	1	3	7
23	3	10	6	9	10	2	2	0	3	5	6	7	9	7	5	7	6	7	9	10	8	7	7	7	6
24	8	9	12	12	13	6	2	2	-	-	8	4	59	5	8	10	10	15	16	16	18	17	16	16	13
25	16	16	16	6	3	8	7	3	2	4	4	5	5	6	6	2	3	2	2	3	5	6	6	5	6
26	6	12	9	10	11	8	4	2	2	3	5	9	9	8	9	7	3	2	1	2	2	2	2	2	5
27	2	3	4	6	3	3	2	1	2	2	4	6	7	4	3	1	1	1	0	0	0	0	0	0	2
28	0	0	1	3	5	6	7	7	8	9	12	13	11	9	9	6	6	7	8	10	9	10	11	11	7
29	13	13	15	15	15	13	12	6	5	6	10	10	13	10	8	6	7	5	8	11	13	12	12	14	11
30	15	17	14	14	13	17	8	4	3	7	11	16	16	17	11	8	6	-	6	10	11	15	10	14	11
31	14	12	12	15	17	16	12	6	5	9	15	16	21	15	13	10	8	7	10	13	9	12	11	15	12
MEAN	7	7	7	7	6	6	4	2	3	5	7	8	12	9	8	7	5	4	4	5	6	6	6	6	6.1

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	17	19	19	18	17	16	8	7	9	12	10	12	9	8	5	6	10	9	7	10	9	9	11	11
2	13	13	14	17	16	17	13	4	6	10	15	17	17	16	16	12	6	1	4	2	1	1	0	0	10
3	0	0	0	0	0	0	0	0	1	4	5	15	18	15	14	10	6	4	5	0	0	0	2	9	5
4	11	7	8	5	2	9	4	2	7	11	22	25	30	33	34	27	21	19	16	15	17	16	11	11	15
5	16	15	17	18	16	14	7	3	6	13	16	19	19	19	****	17	-	11	6	5	5	8	7	4	12
6	7	7	8	10	5	0	0	0	0	2	10	16	10	14	8	****	****	****	****	7	12	9	7	7	7
7	14	12	8	3	1	1	1	1	3	8	8	10	11	11	10	11	9	9	12	0	0	0	0	0	6
8	0	0	0	13	16	15	7	2	****	10	13	19	20	20	16	12	9	5	8	6	7	6	12	12	10
9	12	13	16	16	14	13	10	7	7	11	4	15	16	20	20	15	9	3	2	1	0	1	6	1	10
10	1	2	2	1	1	0	0	1	4	5	9	14	19	24	22	23	19	13	12	8	7	10	14	14	9
11	11	7	8	12	12	9	9	14	15	18	20	22	22	21	19	17	5	0	0	0	0	0	0	0	10
12	0	0	0	0	0	0	0	0	1	1	2	7	12	14	7	****	6	3	2	3	7	14	12	12	4
13	14	12	12	14	14	12	9	5	4	8	13	14	17	20	16	15	12	8	****	5	6	6	6	3	11
14	6	9	9	6	1	4	5	1	2	3	4	4	8	5	8	7	6	9	9	11	15	0	1	2	6
15	5	3	10	5	5	4	2	4	3	9	13	16	17	19	17	14	14	13	-	19	20	12	10	8	11
16	6	10	11	12	13	12	9	4	5	9	12	16	17	20	****	16	-	8	-	8	9	12	12	15	11
17	-	18	19	18	17	16	14	11	14	17	21	23	24	-	20	16	14	7	3	2	2	3	5	6	13
18	2	1	1	1	1	1	2	17	23	22	21	23	22	25	27	28	27	24	19	26	-	20	13	****	16
19	19	24	****	25	19	4	1	1	2	4	10	17	19	22	4	12	12	4	1	0	2	1	0	0	9
20	0	2	0	4	1	1	2	1	2	5	13	17	22	23	25	20	13	12	11	1	0	0	1	0	7
21	1	1	0	1	1	0	0	0	0	1	0	0	1	6	7	3	2	0	0	1	3	19	30	36	5
22	36	30	31	31	31	27	18	12	7	11	11	10	****	5	4	3	3	3	3	8	7	10	10	16	14
23	18	20	26	26	21	20	11	7	5	7	5	6	4	1	0	0	0	0	0	0	1	1	0	0	7
24	0	0	0	3	2	2	2	1	4	10	15	16	20	18	15	16	9	5	5	6	9	10	8	9	8
25	10	12	11	16	13	13	13	13	13	14	15	19	18	14	15	18	14	8	3	4	8	8	11	13	12
26	16	19	19	17	15	17	11	1	1	3	7	7	10	12	11	6	4	****	2	8	11	10	9	9	10
27	15	11	11	8	9	10	5	3	4	8	12	13	****	15	19	20	17	11	7	4	6	1	0	1	9
28	1	0	0	0	0	2	1	0	1	1	6	10	16	19	24	16	8	4	2	1	1	0	0	0	5
MEAN	9	9	10	11	9	9	6	4	5	8	11	14	16	16	15	14	10	7	6	6	6	7	7	7	9.3

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 2.1 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	9	12	****	25	20	10	8	9	13	20	21	25	22	23	16	10	7	10	16	18	12	3	0	14
2	1	5	12	21	19	19	13	3	10	5	3	2	4	2	4	3	2	-	****	2	1	0	1	3	6
3	7	4	6	13	10	10	6	4	6	8	15	21	13	16	24	27	23	24	25	13	3	0	2	2	12
4	8	12	12	20	24	29	25	19	19	17	21	21	19	9	6	3	1	0	0	0	0	0	0	0	11
5	1	2	7	9	5	1	0	0	0	2	4	5	3	8	11	8	3	2	2	1	1	3	3	3	4
6	9	10	17	14	14	6	2	0	1	4	7	8	7	5	7	7	10	10	3	1	5	8	4	0	7
7	-	****	6	5	5	0	0	0	3	8	12	18	25	26	20	19	19	20	12	7	12	11	2	0	10
8	0	0	0	0	0	0	0	0	2	10	19	****	18	10	7	3	1	0	3	5	1	1	0	0	3
9	0	0	1	5	1	0	0	0	0	3	8	****	16	16	11	6	4	7	6	10	17	15	10	7	6
10	3	0	2	4	6	5	3	1	1	2	3	6	8	15	19	19	15	8	5	16	15	21	16	14	9
11	15	15	19	18	19	19	16	15	18	20	22	23	23	21	23	23	21	19	14	16	12	8	9	11	17
12	13	20	20	21	21	20	11	10	13	16	20	21	21	****	22	21	17	16	13	10	5	2	-	6	15
13	11	20	23	21	19	15	6	3	7	11	8	8	6	8	10	9	5	12	11	7	15	18	17	9	12
14	14	20	19	28	28	34	18	9	2	6	12	13	20	21	20	21	19	16	16	15	14	16	12	19	17
15	23	23	23	24	24	22	19	11	13	16	20	22	20	19	20	17	12	14	14	10	7	3	3	2	16
16	1	2	3	8	10	-	3	0	4	8	12	****	****	17	18	16	14	12	2	1	1	3	1	1	7
17	1	0	0	0	0	0	0	1	4	9	14	16	22	27	24	23	25	22	8	9	12	10	4	0	10
18	0	0	0	0	0	0	0	2	10	24	20	30	25	18	26	32	31	40	34	5	14	36	30	29	17
19	29	30	20	13	6	1	0	5	13	19	20	23	22	19	22	17	14	13	3	0	0	0	0	0	12
20	0	0	0	0	0	0	0	0	1	2	4	****	13	16	10	2	0	-	****	0	0	****	0	3	3
21	0	0	0	0	0	0	0	0	0	6	16	19	21	19	16	8	11	7	1	0	0	0	0	0	5
22	0	0	0	0	0	1	2	0	1	2	4	15	27	23	33	19	16	17	8	0	0	11	9	11	8
23	12	28	29	26	26	22	7	4	9	13	8	12	18	13	12	9	8	1	3	11	13	33	27	7	15
24	4	5	21	25	24	21	21	11	16	15	14	10	6	0	6	9	8	10	7	1	3	0	0	1	10
25	1	4	9	8	6	13	9	11	14	14	17	19	21	19	17	16	14	13	11	3	1	0	0	0	10
26	5	7	11	11	10	7	7	5	7	10	12	14	16	10	****	****	****	****	****	****	****	****	****	****	******
27													- DATA INVALID -												
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	27	26	22	25	21	17	5	10	******
29	11	11	9	11	14	9	2	2	2	4	4	3	3	5	4	3	2	2	1	1	1	2	1	3	5
30	7	11	15	19	20	16	8	3	-	2	2	0	****	3	2	0	0	1	1	0	0	****	****	0	6
31	0	0	1	****	3	3	0	0	0	1	8	14	17	17	16	12	7	8	6	5	6	6	9	9	6
MEAN	7	9	10	12	12	10	6	4	7	9	12	15	16	14	15	13	12	12	9	7	7	9	6	5	9.9

PERCENTAGE OF DATA VALID - 90.5 PERCENTAGE OF DATA INVALID - 8.7 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	8	11	14	17	17	16	15	16	15	14	16	12	12	12	12	12	10	10	7	11	13	15	14	13
2	15	13	13	12	10	8	16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	-	-	-	******
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	4	2	4	7	4	8	15	13	9	******
27	9	7	11	12	11	7	4	5	7	1	6	4	6	6	5	3	3	3	3	5	6	9	10	11	6
28	8	10	13	17	15	13	8	7	9	13	14	8	8	7	7	5	8	8	6	5	5	6	0	0	8
29	5	4	8	17	21	22	19	22	23	21	20	20	21	20	19	18	26	20	19	12	5	2	4	3	15
30	2	2	10	6	1	1	2	2	3	4	3	3	4	17	14	17	20	17	14	14	7	2	3	11	7
MEAN	8	7	11	13	13	11	11	10	12	11	11	10	10	12	11	10	12	10	10	8	7	8	8	8	10.0

PERCENTAGE OF DATA VALID - 19.0 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 79.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	20	15	19	20	14	9	11	14	12	****	12	12	16	13	10	15	19	18	13	5	4	4	5	13
2	5	3	3	0	0	0	1	3	5	9	11	15	18	12	18	18	10	9	14	17	13	18	17	22	10
3	22	28	32	36	29	19	11	5	7	8	5	8	5	1	0	1	0	0	1	18	22	22	26	24	14
4	23	22	21	20	15	11	7	9	8	7	10	7	6	6	3	2	-	10	12	12	10	10	11	10	11
5	10	16	20	19	19	14	16	19	21	26	23	19	23	24	25	28	20	18	14	7	21	19	10	2	18
6	1	6	18	20	22	23	20	20	23	27	32	29	33	31	28	27	29	28	24	27	28	27	27	28	24
7	32	31	33	32	27	18	14	18	19	22	26	32	35	38	39	39	36	38	32	35	36	32	29	30	30
8	29	23	26	21	13	2	2	4	7	8	10	13	16	****	36	38	35	16	18	24	16	1	2	14	16
9	31	36	35	29	4	1	1	10	6	17	22	30	29	28	21	15	12	7	2	0	0	0	0	0	14
10	0	0	0	0	0	0	0	1	3	8	15	31	40	44	67	39	24	30	8	19	13	12	1	6	15
11	6	9	27	31	19	2	1	2	8	14	12	16	17	21	22	26	35	42	51	51	46	14	1	0	20
12	15	31	13	4	10	27	7	2	9	29	33	30	35	35	23	26	23	19	15	19	21	17	17	13	20
13	13	15	16	18	20	21	21	20	22	24	26	17	22	27	16	14	20	26	18	2	1	1	0	0	16
14	1	6	17	26	14	2	1	8	13	17	15	15	6	21	26	31	19	23	7	2	1	2	3	10	12
15	18	7	4	13	12	12	1	6	4	2	9	18	22	17	16	11	12	17	13	3	12	9	8	18	11
16	17	23	24	27	24	15	9	10	15	24	25	29	29	30	27	26	26	25	20	12	4	3	3	2	19
17	-	0	0	****	0	1	3	5	10	13	18	29	21	23	18	20	17	13	8	7	12	10	9	10	11
18	8	3	1	0	1	1	3	5	9	10	13	15	20	28	****	14	22	29	24	37	35	18	24	40	16
19	38	30	24	21	4	3	9	13	15	14	15	17	22	31	29	24	24	26	14	11	20	9	9	6	18
20	2	8	12	13	8	11	9	15	21	21	25	20	25	20	30	28	27	34	45	34	12	0	0	0	18
21	****	46	19	8	0	5	33	36	40	26	16	20	28	28	30	30	28	25	14	16	18	13	14	13	22
22	13	13	15	19	17	12	6	6	11	13	17	15	4	43	17	23	19	20	23	26	25	19	22	****	17
23	30	26	29	17	12	13	10	15	14	14	16	14	14	12	17	12	13	16	19	13	22	26	17	14	17
24	5	11	12	8	8	7	5	10	11	12	15	****	13	10	9	7	8	9	16	20	8	0	1	17	10
25	25	26	28	27	-	****	5	3	6	5	4	7	6	3	10	7	6	6	5	5	9	5	5	8	10
26	11	12	13	13	14	9	7	5	6	7	10	11	15	17	22	16	15	13	10	11	6	9	6	6	11
27	10	12	6	7	6	6	5	8	15	18	23	21	14	20	26	24	19	25	22	13	9	4	7	13	14
28	17	3	5	1	0	0	1	4	4	9	14	12	18	21	16	8	12	7	2	1	0	6	3	3	7
29	1	10	7	12	0	3	0	1	4	10	12	6	****	****	13	12	14	8	6	8	6	6	1	1	6
30	1	10	3	7	4	1	2	3	6	12	20	24	33	39	36	30	28	25	21	22	7	1	5	14	15
31	17	26	25	23	7	1	2	9	18	18	34	43	28	****	53	49	39	41	29	39	17	2	4	11	23
MEAN	14	17	16	16	11	8	7	9	12	15	18	19	20	23	24	21	20	20	17	17	15	10	9	11	15.4

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0 4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO 55 SHERBOURNE/WILTON ST.TORONTO MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	17	2	11	26	16	11	12	25	40	39	****	-	-	36	36	25	25	13	4	6	5	1	2	17
2	16	14	37	19	11	37	26	22	24	28	30	35	35	34	37	35	22	21	24	15	8	1	1	1	22
3	3	7	9	9	10	6	12	21	25	31	32	42	56	58	62	58	56	50	36	3	2	1	1	5	25
4	1	4	7	16	24	5	6	9	16	19	30	46	50	45	49	50	43	25	38	5	9	13	22	10	23
5	26	46	23	21	9	1	7	13	18	12	23	-	17	****	****	26	24	23	20	14	8	5	4	2	16
6	3	3	11	14	11	5	6	9	11	15	16	17	13	14	15	14	17	12	13	12	13	14	15	19	12
7	23	24	21	16	5	2	0	2	6	11	16	24	25	31	30	33	55	65	41	39	22	2	0	0	21
8	10	25	26	12	10	2	1	2	4	9	10	****	15	27	33	32	24	18	8	7	2	0	1	13	13
9	13	9	20	4	1	3	6	13	21	36	37	34	52	63	60	68	62	43	37	36	35	32	24	20	30
10	20	27	35	41	38	31	23	25	16	12	24	36	51	59	64	63	60	53	44	28	2	9	21	14	33
11	15	16	15	18	12	4	5	13	14	15	18	20	6	****	16	16	17	-	-	11	7	2	1	4	12
12	6	10	14	12	10	7	5	9	17	20	22	22	19	21	21	17	15	18	****	14	7	1	3	6	13
13	7	10	15	14	13	12	7	9	14	22	27	26	28	27	28	27	31	29	26	19	8	2	0	3	17
14	0	0	0	0	****	1	****	****	11	16	9	24	29	28	23	24	28	32	30	38	40	15	9	17	18
15	27	21	29	18	6	2	5	8	19	23	****	****	46	39	30	50	68	69	50	16	9	1	1	10	25
16	10	18	27	29	13	4	8	13	32	43	67	81	68	72	80	86	83	74	66	27	22	4	0	0	39
17	1	1	11	23	26	31	36	50	42	47	55	60	59	71	75	73	69	54	57	66	55	43	42	34	45
18	26	19	20	21	23	19	10	10	13	23	****	20	52	-	23	-	-	-	17	3	1	1	0	0	16
19	1	1	5	8	6	5	2	10	8	13	17	24	20	24	24	21	18	14	16	17	16	13	5	14	13
20	12	13	17	9	1	11	12	8	15	17	10	18	27	29	38	32	33	44	54	44	42	33	3	4	22
21	20	40	38	42	30	15	2	3	4	3	11	20	20	19	10	15	26	25	28	14	6	9	7	14	18
22	12	12	15	21	10	7	6	5	2	7	15	24	14	16	14	13	-	11	10	8	11	15	9	12	12
23	14	16	16	16	13	12	10	9	8	8	10	9	8	11	12	10	9	7	5	5	5	6	4	4	9
24	2	5	****	12	16	17	16	****	17	20	24	26	30	31	30	29	28	24	21	13	7	2	1	4	17
25	9	8	11	10	8	6	3	5	10	12	17	17	20	18	16	13	-	12	11	5	1	1	1	0	9
26	0	0	0	0	0	0	1	4	9	13	13	17	25	****	****	44	35	29	29	19	7	2	16	29	13
27	37	23	22	32	36	9	11	8	6	7	15	35	28	20	18	16	26	11	3	4	11	31	19	16	19
28	13	11	17	25	18	8	3	2	8	12	30	35	49	47	40	45	43	38	31	7	25	26	10	2	23
29	3	0	14	27	14	3	5	4	3	****	25	30	29	26	24	21	28	32	30	23	19	20	17	-	18
30	30	32	36	36	33	29	22	29	28	28	32	32	36	41	43	-	48	40	38	27	30	23	15	41	33
MEAN	12	14	18	18	15	10	9	12	15	19	24	30	32	35	34	35	37	32	28	18	15	11	8	10	20.2

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 1.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO 55 SHERBOURNE/WILTON ST.TORONTO MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	43	40	41	41	37	21	17	24	28	13	15	19	19	31	31	31	30	18	21	14	12	10	3	7	24
2	1	4	7	3	0	2	19	34	30	21	16	16	16	18	19	20	23	21	15	9	2	6	6	12	13
3	16	17	16	16	12	7	5	6	12	18	****	22	24	****	20	18	18	20	19	16	9	5	5	3	14
4	5	10	11	10	8	3	2	5	11	9	14	15	21	21	21	18	21	24	22	18	18	13	8	12	13
5	12	10	15	17	15	12	8	9	14	11	15	****	7	18	20	21	21	22	19	11	4	2	7	9	13
6	12	16	16	12	9	2	2	3	12	20	24	25	25	26	25	28	26	25	25	16	4	5	3	1	15
7	0	1	3	4	0	0	2	4	8	22	21	23	27	31	31	34	37	39	34	27	21	1	0	0	15
8	0	0	4	7	3	0	8	8	19	35	28	28	52	50	55	53	50	47	39	25	31	36	22	10	25
9	0	0	0	0	0	5	10	17	14	23	27	34	36	49	55	48	49	38	42	54	11	25	19	39	25
10	53	41	36	43	30	9	4	4	5	7	3	-	10	16	26	30	25	26	7	7	13	3	4	2	18
11	7	5	2	1	1	1	5	11	7	19	30	38	49	78	57	76	29	17	21	19	5	11	0	0	20
12	0	0	0	0	0	0	0	1	4	10	22	37	67	68	69	67	53	45	36	32	14	4	1	7	22
13	23	32	26	18	4	0	2	7	12	28	45	61	****	43	52	50	36	37	41	28	12	13	24	20	27
14	11	0	0	0	0	8	25	35	31	34	47	53	61	70	85	106	89	84	72	56	52	34	22	22	42
15	18	3	20	37	46	63	60	65	60	58	59	57	60	54	40	58	62	36	26	12	2	8	5	1	38
16	4	0	0	0	0	4	8	3	7	16	28	65	79	56	20	13	14	23	16	12	7	3	3	6	16
17	7	10	10	10	10	4	1	-	6	11	13	22	14	****	19	15	14	9	5	10	4	3	2	1	9
18	7	10	11	9	6	3	2	3	5	11	25	43	49	42	32	20	17	21	24	20	13	0	1	2	16
19	5	7	5	1	0	0	1	3	8	17	14	19	23	33	36	32	31	23	31	35	20	4	2	1	15
20	0	4	6	11	11	10	1	7	18	27	37	58	76	66	58	38	26	26	39	33	15	17	12	4	25
21	****	0	0	0	0	0	6	27	25	46	68	61	67	77	92	81	91	85	65	58	49	23	17	7	41
22	24	5	44	60	40	41	-	34	48	65	70	77	80	77	78	78	79	84	76	74	49	30	10	1	53
23	****	14	30	31	34	18	8	14	24	41	49	37	88	90	71	64	72	58	46	38	42	47	38	34	43
24	13	22	29	17	14	8	4	10	20	16	20	28	25	32	33	29	36	24	17	19	28	25	21	23	21
25	19	27	30	16	9	2	2	3	5	7	10	15	22	21	19	24	28	21	16	11	11	10	7	5	14
26	12	5	4	11	5	3	1	1	3	3	5	8	10	10	7	7	10	15	15	14	11	12	11	12	8
27	14	14	11	10	10	5	2	1	3	3	11	19	****	-	20	33	39	24	29	7	11	7	4	9	13
28	10	6	5	6	9	1	3	5	8	10	11	14	22	27	34	34	19	29	41	29	15	12	3	3	15
29	2	3	1	2	4	1	4	10	14	17	24	31	37	36	39	36	26	34	35	24	10	1	0	1	16
30	1	2	3	3	3	0	0	5	12	12	18	31	42	43	38	26	48	48	52	48	28	21	16	31	22
31	31	35	38	22	10	1	2	1	12	17	16	13	18	28	34	20	9	7	6	3	0	13	12	7	15
MEAN	12	11	14	13	11	8	7	12	16	21	26	33	39	43	40	39	36	33	31	25	17	13	9	9	21.5

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO 55 SHERBOURNE/WILTON ST.TORONTO MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	9	18	18	21	15	1	4	9	4	5	8	12	12	17	16	14	11	11	12	15	14	13	21	12
2	24	26	27	26	21	6	3	5	13	17	18	15	24	24	16	11	22	21	10	3	0	0	0	0	14
3	0	1	0	0	0	0	1	3	9	19	31	41	25	25	25	34	37	24	36	4	5	0	3	3	14
4	3	0	0	3	3	0	3	13	23	26	38	54	58	65	65	64	64	61	34	5	0	0	3	0	24
5	0	0	4	8	8	3	13	30	36	41	41	38	42	38	35	42	41	38	35	30	23	15	17	16	25
6	28	30	32	31	27	19	14	10	13	15	18	19	16	16	16	17	16	14	11	10	3	0	0	D	16
7	0	1	5	2	0	0	1	3	2	2	4	3	****	12	23	21	28	28	18	32	34	22	17	13	12
8	14	5	0	0	1	0	0	1	1	2	8	15	****	8	13	18	24	17	14	9	7	3	2	2	7
9	3	5	8	5	2	2	5	6	8	12	15	15	12	****	11	11	10	7	6	6	8	6	4	7	8
10	11	13	13	7	9	10	4	2	2	3	16	33	****	****	****	****	****	****	****	****	****	****	****	****	******
11												- DATA INVALID -													
12												- DATA INVALID -													
13	****	****	****	****	****	****	****	****	****	****	****	****	61	19	17	21	22	21	28	31	32	25	18	19	******
14	16	21	12	24	19	4	5	6	11	15	14	12	11	12	9	8	11	11	-	9	8	8	5	8	11
15	7	8	8	10	10	7	3	6	7	8	10	11	12	8	10	8	9	10	7	6	2	1	0	0	7
16	0	2	3	3	1	0	1	2	7	9	9	10	11	14	15	13	20	32	12	11	5	0	0	0	8
17	0	0	0	0	0	0	1	1	3	6	9	13	11	14	5	4	5	6	3	2	7	4	2	6	4
18	4	12	21	19	13	10	8	5	4	3	2	4	4	5	4	2	1	0	0	0	0	0	0	0	5
19	0	0	0	0	3	9	15	21	25	25	28	30	21	33	38	39	36	25	10	8	5	0	0	0	15
20	0	0	3	0	0	0	0	1	3	7	10	17	19	****	16	14	19	11	4	4	2	0	0	0	6
21	0	0	0	0	0	0	0	1	4	8	9	17	15	16	19	****	10	8	3	0	0	0	0	0	5
22	0	0	0	1	4	4	3	6	10	13	14	19	13	****	12	21	28	26	21	17	17	14	9	6	11
23	7	8	4	0	1	1	0	0	0	1	2	3	5	5	7	7	9	6	2	3	5	7	3	0	4
24	3	5	10	11	6	2	1	2	3	7	12	13	14	15	14	17	20	17	18	15	21	9	3	8	10
25	11	15	24	20	14	9	12	13	11	15	18	25	26	23	14	16	15	7	1	3	7	5	7	2	13
26	4	1	2	4	2	4	6	8	14	18	17	19	19	18	18	16	15	11	10	11	8	9	3	3	10
27	4	15	18	17	19	12	2	2	5	9	16	23	16	19	22	21	16	14	10	12	16	9	8	4	13
28	1	0	4	0	0	0	0	1	3	10	13	12	58	45	24	20	23	20	30	26	24	17	13	13	15
29	16	22	21	21	18	3	2	5	9	9	5	10	13	16	21	19	15	6	4	8	3	7	2	3	11
30	0	5	3	1	0	0	2	6	13	16	24	35	40	21	31	32	28	25	17	8	4	3	6	5	14
31	7	8	8	9	4	3	1	3	9	10	12	17	18	20	24	21	20	18	14	13	12	9	4	7	11
MEAN	6	8	9	9	7	4	4	6	9	12	15	19	22	20	19	20	21	18	14	11	10	7	5	5	11.5

PERCENTAGE OF DATA VALID - 89.4 PERCENTAGE OF DATA INVALID - 10.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO 55 SHERBOURNE/WILTON ST.TORONTO MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	3	0	1	0	1	1	4	12	17	27	45	56	76	72	63	53	42	44	50	43	22	27	31	29
2	32	40	36	25	31	25	28	22	23	26	27	24	22	24	26	24	29	28	24	15	10	10	6	12	24
3	8	7	9	3	16	21	19	21	25	23	26	20	28	26	28	24	21	17	7	4	2	2	4	7	15
4	8	8	9	9	8	3	1	2	4	6	8	10	7	12	13	14	13	15	14	10	11	10	6	6	9
5	1	0	0	0	0	0	0	3	9	19	23	22	22	15	13	14	18	15	31	46	38	38	3	1	14
6	1	0	1	1	4	2	0	0	0	4	20	44	41	40	49	38	34	38	35	28	25	18	16	16	19
7	16	13	8	7	6	7	1	2	6	8	8	7	2	4	6	6	4	3	2	4	3	5	5	5	6
8	7	8	10	13	14	10	5	8	11	14	16	18	19	20	20	16	15	13	13	3	0	1	0	D	11
9	0	0	0	0	1	0	1	3	12	18	16	23	20	27	25	23	26	25	22	23	17	16	15	9	13
10	9	24	11	2	17	8	2	8	13	16	23	22	10	2	4	3	8	7	9	6	3	1	0	0	9
11	0	2	1	0	0	0	0	0	2	7	9	10	11	7	18	-	19	16	14	8	6	0	Q	0	6
12	0	11	11	12	8	1	1	4	7	10	12	13	19	18	24	32	30	30	22	24	24	23	23	22	16
13	13	5	6	6	1	0	0	4	17	23	29	22	17	29	24	23	17	15	10	13	14	14	12	26	14
14	31	39	37	32	27	22	8	3	3	2	3	6	9	10	14	12	12	9	4	1	0	1	1	1	12
15	1	1	2	2	4	5	2	4	13	15	18	20	21	22	21	22	21	15	7	6	9	5	1	1	10
16	1	0	6	12	13	2	2	3	4	8	16	16	27	29	27	33	28	16	13	4	3	1	0	10	11
17	7	12	22	19	7	0	0	2	7	14	19	29	26	37	31	26	25	34	25	11	7	4	5	9	16
18	16	33	22	20	10	2	1	3	13	20	29	38	40	40	28	28	46	41	30	****	9	7	4	5	21
19	8	11	15	14	12	8	5	8	13	15	15	18	19	18	17	16	14	****	1	1	3	2	1	4	10
20	3	0	0	0	0	0	0	0	1	5	8	15	15	20	20	16	12	12	8	2	0	1	2	3	6
21	5	4	3	4	6	0	0	0	2	3	3	11	17	13	7	5	4	3	2	0	****	1	1	0	4
22	1	1	3	3	3	3	1	2	4	11	13	15	17	19	21	19	19	11	4	3	2	1	1	1	7
23	0	0	0	1	2	3	2	5	8	14	16	12	13	15	13	11	12	12	6	1	0	0	0	0	6
24	0	0	0	0	0	0	0	1	3	6	11	14	17	7	17	16	15	19	12	13	9	1	D	0	7
25	0	0	0	0	0	0	0	0	0	2	5	9	9	11	11	18	5	3	5	1	5	1	0	0	4
26	7	14	3	18	26	13	1	2	7	13	22	13	13	23	16	15	12	4	0	0	0	0	0	D	9
27	0	0	0	0	0	0	0	0	4	4	7	17	19	25	22	16	12	9	1	0	7	1D	1	3	7
28	2	2	1	2	0	0	0	1	1	4	4	4	6	5	2	4	4	1	2	5	3	0	0	0	2
29	0	0	0	0	0	0	0	0	1	3	9	14	22	34	29	26	21	15	13	13	7	1	0	D	9
30	0	0	8	12	5	1	0	0	1	8	15	12	12	18	20	22	18	15	10	0	0	0	15	15	9
MEAN	6	8	7	7	7	5	3	4	8	11	15	18	19	22	21	20	19	17	13	10	9	7	5	6	11.1

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE DF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	7	11	14	16	7	0	0	2	5	7	6	3	****	9	8	8	6	9	7	0	1	0	0	6
2	0	6	15	16	11	0	0	0	1	7	10	8	12	13	12	13	16	22	23	16	18	18	12	12	11
3	16	18	20	18	16	8	3	4	4	2	3	3	3	3	1	1	1	1	1	3	1	0	1	3	6
4	13	16	20	17	10	2	1	3	2	8	4	3	1	3	5	1	1	1	1	1	1	1	0	1	5
5	0	0	1	0	4	2	1	1	1	1	3	****	4	2	1	2	2	2	1	1	3	4	2	3	2
6	6	9	6	5	4	3	1	2	4	5	9	7	8	12	7	11	23	14	15	15	17	23	14	6	9
7	4	9	13	9	9	14	7	11	15	13	14	13	13	13	11	13	13	10	9	9	6	5	6	7	10
8	6	-	8	6	9	11	8	11	16	21	21	15	15	11	9	5	2	2	2	4	4	8	9	9	9
9	8	15	14	13	5	8	5	4	6	7	-	****	15	14	12	12	7	4	2	1	3	2	1	0	7
10	0	0	-	0	0	****	0	0	1	7	10	4	8	8	8	8	6	4	6	3	0	0	0	0	3
11	0	0	4	1	2	0	0	0	0	3	6	8	10	10	****	4	3	4	3	3	7	14	11	13	5
12	15	20	21	21	13	6	1	0	1	1	2	3	5	****	2	1	1	2	1	3	5	3	4	3	6
13	3	6	7	6	4	2	1	2	3	3	5	8	11	14	16	11	7	3	2	3	8	6	3	2	6
14	2	1	1	2	4	4	4	8	10	13	16	20	19	19	19	13	11	8	4	2	1	1	1	2	8
15	2	1	1	2	1	1	1	-	1	****	1	2	5	7	6	7	13	3	3	4	1	1	1	1	3
16	4	8	10	8	8	4	2	3	7	11	13	-	****	16	14	14	13	8	8	5	5	3	2	0	8
17	0	0	0	0	0	0	5	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	3	7	3	1	0	0	2	3	3	4	5	4	4	5	****	2	1	0	0	11	12	13	4
19	30	27	7	12	42	34	2	2	3	4	4	6	4	2	5	-	-	1	1	11	7	4	3	6	10
20	4	2	12	12	1	2	3	1	2	4	7	8	18	20	15	9	14	7	5	8	4	4	3	9	7
21	10	16	14	18	8	6	7	9	11	13	16	16	15	17	22	20	18	2	0	0	0	0	0	2	10
22	6	2	2	1	0	0	0	0	0	2	3	5	7	9	8	5	3	2	0	1	2	0	0	2	3
23	8	17	24	14	10	3	1	1	0	3	****	0	1	2	2	1	2	1	1	2	3	3	3	3	5
24	4	6	8	7	3	1	1	1	1	0	1	1	3	4	4	4	3	7	7	9	9	-	8	11	4
25	13	12	13	14	15	11	4	3	9	11	15	15	16	13	6	8	2	4	7	7	6	3	7	7	9
26	8	10	12	13	12	9	1	0	3	4	4	-	9	-	8	8	7	8	8	10	2	11	11	12	8
27	12	12	13	14	9	6	2	4	5	10	11	9	8	9	6	7	8	7	5	5	10	11	10	10	8
28	8	8	-	7	10	3	0	0	0	0	2	4	2	4	3	3	0	0	1	1	0	2	5	7	3
29	7	8	8	8	8	8	7	3	0	1	3	4	3	4	3	2	1	1	1	0	4	1	1	2	4
30	3	7	10	6	8	7	4	4	3	5	7	7	3	12	13	11	6	4	5	3	4	6	8	7	6
31	7	6	7	7	7	S	0	1	3	7	9	10	13	15	15	12	10	11	16	14	8	0	0	0	8
MEAN	7	8	10	9	8	6	2	3	4	6	7	7	8	9	8	7	7	5	5	5	4	5	4	5	6.2

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	9	14	12	7	0	0	0	1	0	1	1	1	0	3	1	0	0	2	8	6	5	1	3
2	0	0	0	0	1	0	0	0	0	2	5	6	6	5	6	3	1	0	0	0	0	1	2	1	2
3	1	0	0	0	0	0	0	1	1	2	5	7	10	12	14	10	4	5	5	1	0	1	0	-	3
4	0	1	0	2	2	1	0	0	2	6	15	14	11	7	7	6	2	3	0	0	1	2	0	0	3
5	0	0	0	0	0	0	0	1	1	2	3	4	5	20	7	2	2	5	3	4	4	2	0	0	3
6	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0
7	0	1	3	4	7	9	8	3	3	6	9	10	12	8	6	5	4	3	4	1	3	3	4	2	5
8	1	3	3	8	8	-	****	6	8	6	4	4	4	3	1	1	1	0	0	0	1	1	2	2	3
9	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	1	2	2	1	-	3	2	1	0	1
10	0	0	0	1	1	1	1	1	5	8	9	14	16	12	11	7	3	3	3	3	4	4	3	4	5
11	4	4	-	6	2	0	2	2	2	5	6	5	-	5	6	7	8	4	6	7	2	1	1	0	4
12	0	3	6	-	8	8	6	3	4	7	10	12	9	8	6	6	3	3	3	0	0	0	0	0	5
13	0	0	0	0	0	1	1	0	0	1	1	2	4	4	****	2	1	0	0	0	0	0	0	0	1
14	0	0	3	2	4	2	1	0	0	1	5	7	8	7	3	2	1	0	0	1	2	1	1	0	2
15	1	0	0	1	0	0	0	0	0	1	3	4	3	1	0	0	0	0	0	0	0	0	3	6	1
16	12	12	13	14	12	11	8	3	4	6	8	****	8	4	4	2	3	3	4	3	0	0	0	0	6
17	0	1	2	3	3	1	1	1	0	1	1	3	4	5	11	8	4	1	0	0	0	0	0	0	2
18	0	0	0	0	0	0	0	0	0	1	6	5	4	5	5	5	5	3	0	0	1	5	8	7	3
19	6	6	4	5	4	4	1	0	0	0	2	2	2	2	1	0	0	0	0	0	1	0	0	0	2
20	0	0	0	0	0	0	0	0	0	0	1	2	3	4	6	4	2	1	8	1	5	4	4	6	2
21	9	9	11	10	11	9	4	0	1	2	1	3	4	25	26	3	3	-	8	8	8	5	2	-	7
22	-	-	3	9	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	4	2	3	2	3	******
23	2	3	6	2	2	1	1	1	1	1	2	3	4	5	3	3	2	3	3	3	3	3	3	3	3
24	4	-	3	6	7	7	6	5	8	8	7	9	7	10	9	7	5	4	4	4	3	****	3	3	6
25	4	3	3	3	3	3	3	3	4	5	6	6	8	9	9	8	8	10	11	10	10	10	10	9	7
26	8	7	7	8	6	6	4	4	5	5	5	5	9	8	4	3	1	0	1	2	4	0	0	1	4
27	1	2	5	5	3	1	1	0	0	0	0	2	2	1	0	2	0	0	1	0	0	0	0	0	1
28	1	1	0	1	2	1	0	1	1	3	7	4	39	10	4	1	0	1	1	1	1	0	1	1	3
29	1	0	1	3	3	1	0	0	0	0	4	3	5	5	3	2	-	****	0	0	0	0	0	0	1
30	0	0	1	3	4	4	1	1	2	2	5	6	7	4	6	2	1	0	0	0	0	0	0	0	2
MEAN	2	2	3	4	4	3	2	1	2	3	5	5	7	7	6	4	2	2	2	2	2	2	2	2	3.1

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	2	5	6	5	4	2	1	0	****	0	1	0	0	0	1	3	4	2
2	5	5	9	9	8	3	6	7	9	12	16	18	18	17	17	13	5	1	0	0	0	0	0	0	7
3	0	1	4	3	4	5	0	0	1	3	7	5	9	11	7	2	3	7	5	7	3	4	7	4	4
4	5	3	3	3	3	3	2	2	3	4	4	7	11	10	8	6	3	2	3	4	3	3	2	2	4
5	3	4	4	4	8	6	5	3	3	6	10	13	13	12	12	10	6	3	10	11	12	13	8	11	8
6	7	11	16	11	10	4	3	2	3	3	3	4	3	3	3	2	3	3	2	2	1	2	2	2	4
7	2	2	3	3	3	2	3	3	3	5	8	10	7	11	7	5	2	2	3	9	5	5	3	2	5
8	3	7	13	14	17	21	19	16	16	16	18	17	18	15	17	11	9	5	****	7	9	10	6	3	12
9	3	4	6	10	8	10	8	4	8	5	6	10	12	12	10	4	2	3	2	2	2	3	4	6	6
10	7	10	10	7	4	3	2	3	3	4	5	4	4	3	****	4	4	3	3	3	3	3	4	7	4
11	7	10	10	12	11	8	5	4	4	5	9	8	****	1	1	0	0	****	****	****	0	****	0	1	5
12	2	2	5	7	6	4	****	****	****	****	0	1	2	2	1	1	****	****	0	0	1	3	3	2	2
13	2	2	3	4	3	2	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	1	6	******
14	9	7	4	6	2	1	0	0	0	3	6	8	8	****	8	4	3	3	3	2	2	3	4	2	4
15	1	2	3	2	2	13	10	4	8	9	9	10	12	14	13	11	8	7	4	1	0	0	1	2	6
16	1	1	1	0	0	1	1	1	1	2	2	2	2	2	1	6	9	9	12	13	13	14	13	13	5
17	14	14	15	15	15	13	6	1	1	2	4	5	7	11	12	8	5	3	4	5	6	6	7	7	8
18	7	10	10	10	7	4	8	3	5	7	7	7	7	6	3	2	2	2	2	2	7	13	15	13	7
19	14	13	12	12	11	7	4	7	6	7	11	11	9	8	9	7	5	3	4	7	5	3	1	1	7
20	2	4	4	3	2	2	1	1	2	2	3	4	3	****	5	3	2	2	2	2	2	3	3	5	3
21	5	5	7	15	14	9	2	2	3	3	3	4	4	6	6	4	3	3	2	3	2	2	2	2	5
22	3	3	5	5	7	5	6	8	6	7	4	5	5	3	3	3	3	3	2	2	3	3	2	3	4
23	3	2	2	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3
24	3	3	3	3	3	3	4	3	3	4	4	4	5	6	4	4	4	4	3	3	3	3	3	2	4
25	2	3	2	2	3	5	5	5	6	9	9	10	9	9	9	9	10	11	13	12	11	11	12	13	8
26	13	16	16	17	17	16	14	14	12	15	13	12	14	12	10	8	7	10	8	6	9	6	7	6	12
27	8	8	10	15	15	13	13	9	10	9	11	13	14	8	38	6	2	3	2	2	2	5	5	7	10
28	9	10	11	16	17	12	9	2	2	4	7	9	10	9	8	3	0	1	1	1	0	1	0	2	6
29	2	3	4	3	1	2	2	2	3	7	9	10	12	11	10	8	3	2	2	6	8	8	5	4	5
30	3	2	3	4	6	7	1	0	2	7	12	13	15	14	13	9	5	2	1	1	1	1	0	0	5
31	0	0	3	2	0	0	0	2	1	2	3	6	4	6	5	3	1	0	0	0	0	0	0	-	2
MEAN	5	5	6	7	7	6	5	4	5	6	7	8	8	8	8	5	4	3	3	4	4	4	4	5	5.5

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 3.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	6.1	13	59
FEB	28	9.3	16	36
MAR	28	9.9	17	40
APR	5	10.0	15	26
MAY	31	15.4	30	67
JUN	30	20.2	45	86
JUL	31	21.5	53	106
AUG	27	11.5	25	65
SEP	30	11.1	29	76
OCT	31	6.2	11	42
NOV	29	3.1	7	39
DEC	30	5.5	12	38
YEAR	331	10.9	53	106

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 31105 HYDRO 55 SHERBOURNE/WILTON ST.TORONTO

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	579	138	0	1	0	0	0	0	718
FEB	381	263	7	0	0	0	0	0	651
MAR	387	278	8	0	0	0	0	0	673
APR	76	61	0	0	0	0	0	0	137
MAY	276	389	61	4	0	0	0	0	730
JUN	224	322	102	39	3	0	0	0	690
JUL	273	271	115	62	10	1	0	0	732
AUG	371	250	35	9	0	0	0	0	665
SEP	406	267	38	5	0	0	0	0	716
OCT	567	152	2	0	0	0	0	0	721
NOV	665	26	1	0	0	0	0	0	692
DEC	607	109	1	0	0	0	0	0	717
YEAR	4812	2526	370	120	13	1	0	0	7842

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
89.5	0	0.0	2.6	6.9	12.8	24.8	33.5	47.7	60.1	106	10.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	3	4	5	0	0	0	2	3	4	3	5	5	5	5	3	5	5	6	7	5	8	9	4
2	11	14	15	16	16	14	11	4	2	3	6	6	5	5	22	1	0	0	0	0	-	-	-	8	8
3	11	12	13	12	6	3	2	0	0	3	7	8	9	8	8	6	1	1	2	2	5	6	5	5	6
4	7	7	7	8	7	6	4	1	1	5	8	8	7	10	7	****	5	2	3	2	3	6	7	7	6
5	11	12	11	12	12	10	6	1	1	4	8	8	9	9	8	5	0	0	0	0	0	0	****	0	6
6	0	0	0	0	0	0	0	0	0	1	5	7	4	4	6	5	3	1	0	0	0	1	4	2	2
7	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	1	0
8	3	4	1	2	0	0	0	0	0	0	4	6	11	****	10	6	2	0	0	0	0	0	1	0	2
9	2	5	6	2	5	6	3	0	0	2	4	6	7	4	7	5	3	1	1	1	1	1	1	1	3
10	1	1	1	1	1	2	1	1	2	4	7	8	10	****	11	9	4	3	2	1	2	5	****	4	4
11	7	6	2	1	1	0	1	1	2	2	3	7	9	11	10	9	4	1	1	-	-	1	1	1	4
12	1	1	1	1	1	1	1	1	1	6	17	18	18	3	22	16	13	1	-	-	0	0	0	0	6
13	0	0	0	0	0	0	2	2	1	2	3	4	7	7	6	5	6	7	8	8	8	11	10	6	4
14	4	3	1	0	0	0	0	0	0	5	10	11	12	12	11	13	12	11	9	2	9	8	11	13	7
15	16	16	17	17	17	16	12	5	7	7	11	11	8	4	11	7	3	0	2	1	1	4	4	6	8
16	8	5	2	0	2	1	0	0	0	1	4	7	8	9	6	4	2	0	0	0	0	0	0	0	2
17	0	0	0	1	3	1	10	7	6	12	11	7	8	5	1	1	0	0	0	0	1	4	3	5	4
18	8	7	8	7	8	9	6	1	3	8	-	-	11	9	11	6	3	1	1	1	0	0	1	1	5
19	0	0	0	0	0	0	0	0	0	2	4	4	-	7	14	3	0	****	****	****	0	0	0	1	2
20	1	0	1	2	4	5	1	2	0	2	2	2	2	2	0	0	0	****	****	****	****	****	0	****	1
21	0	0	0	0	0	1	2	2	2	5	6	8	8	7	9	6	6	5	5	8	5	4	5	7	4
22	9	10	10	9	8	-	2	****	0	2	7	7	6	8	8	7	5	****	0	3	4	1	0	****	5
23	****	7	9	11	7	8	0	****	****	2	2	6	12	14	12	12	12	8	9	9	12	11	11	11	9
24	6	11	14	11	9	7	3	3	6	-	6	7	7	6	****	15	15	18	15	14	15	14	14	16	11
25	17	17	16	13	8	14	9	4	5	8	10	7	7	10	9	7	3	3	4	4	4	9	11	11	9
26	11	14	16	17	16	15	6	2	2	7	10	9	8	10	9	7	1	4	3	3	1	2	5	3	8
27	4	7	9	11	11	10	5	2	1	2	4	5	8	10	7	8	4	1	0	0	1	0	2	0	5
28	0	0	1	4	7	11	12	10	10	10	10	10	9	7	8	8	8	9	9	10	11	11	12	12	8
29	15	16	17	18	17	16	12	6	6	8	11	12	12	11	10	6	4	6	4	10	8	10	13	11	11
30	14	16	18	18	18	18	11	5	4	6	7	12	13	14	13	11	6	-	7	9	7	6	7	5	11
31	10	14	16	20	19	16	10	3	4	11	11	13	16	13	12	9	6	6	9	10	13	13	14	14	12
MEAN	6	7	7	7	7	6	4	2	2	4	7	8	9	8	9	7	4	3	4	4	4	5	5	6	5.6

PERCENTAGE OF DATA VALID - 95.4 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	18	18	19	18	17	13	6	6	10	11	11	12	11	6	****	9	10	9	11	14	15	16	14	13
2	-	-	-	-	-	-	-	****	9	13	15	15	16	****	26	11	8	6	3	2	2	3	2	1	******
3	-	-	-	-	-	-	-	****	2	5	7	12	12	13	11	9	7	2	1	1	1	1	1	2	5
4	-	-	-	-	-	-	-	****	4	11	19	27	27	29	28	27	26	22	20	18	16	14	14	14	20
5	16	18	20	20	18	17	12	7	10	13	16	17	17	17	17	15	-	9	6	4	7	7	9	6	13
6	8	12	11	7	3	3	1	1	3	9	12	16	13	9	6	4	5	6	8	10	5	2	6	9	7
7	14	18	17	12	9	5	9	14	6	19	20	19	20	20	21	21	20	17	1	6	10	11	7	7	13
8	8	9	1	10	19	18	10	3	****	10	16	16	17	19	17	14	11	6	4	5	7	10	13	13	11
9	16	-	-	-	-	-	-	****	8	12	14	14	15	16	10	12	10	3	0	0	0	0	0	0	8
10	0	1	1	1	0	0	0	1	5	13	15	18	20	17	15	16	15	11	9	8	9	11	14	16	9
11	16	15	15	15	13	11	8	10	13	21	22	23	23	21	20	16	9	2	0	0	0	1	1	1	12
12	1	1	0	0	1	0	0	1	2	4	6	13	21	23	26	18	10	2	1	2	8	13	12	10	7
13	14	14	15	17	18	19	15	7	5	10	15	16	17	13	****	15	12	9	****	4	5	8	9	6	12
14	9	9	10	8	6	11	10	5	6	8	9	13	17	19	18	19	21	19	2	1	5	7	11	14	11
15	19	21	23	23	21	20	14	5	8	16	20	22	24	24	21	24	23	21	-	16	11	17	20	20	19
16	23	24	24	23	22	21	12	5	10	18	14	14	19	18	17	14	11	7	7	8	9	-	16	17	15
17	19	19	20	20	18	18	13	11	14	15	17	18	18	18	18	15	11	8	4	5	5	6	12	9	14
18	7	5	2	1	3	18	14	14	17	15	23	25	25	25	26	25	24	21	24	25	-	23	17	****	17
19	****	21	****	19	14	9	1	2	3	4	6	10	13	17	19	15	8	3	1	1	1	4	4	4	8
20	4	6	8	10	13	10	8	5	8	12	14	7	****	17	21	18	11	4	3	0	0	0	0	0	8
21	0	1	1	3	3	0	0	0	1	7	9	7	4	6	6	2	1	1	2	10	15	24	29	33	7
22	31	29	29	32	29	25	15	4	9	10	8	9	18	20	17	10	10	12	13	9	4	17	24	28	17
23	29	31	35	30	25	28	26	22	6	7	31	32	35	30	25	16	1	3	1	1	3	2	0	0	17
24	0	0	0	2	3	1	0	0	3	9	12	14	16	14	15	14	11	7	4	12	13	16	18	19	8
25	16	19	22	20	22	22	23	22	21	22	22	25	24	24	23	22	17	14	11	13	13	17	19	19	20
26	21	24	24	23	23	21	16	9	6	10	14	15	16	19	****	20	18	****	18	22	24	24	24	22	19
27	25	27	23	22	25	21	12	7	9	15	20	21	22	24	23	20	16	12	9	7	****	4	4	3	16
28	4	9	3	3	3	3	3	4	6	9	****	****	19	16	18	18	11	4	1	1	0	0	0	0	6
MEAN	13	15	14	14	14	13	10	7	7	12	15	17	19	18	18	16	12	9	6	7	7	10	11	11	12.3

PERCENTAGE OF DATA VALID - 92.7 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 4.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	19	20	21	22	23	24	MEAN
1	0	4	17	15	22	23	21	21	22	26	28	32	36	34	14	24	27	19	5	13	11	9	6	0	18
2	5	15	21	19	18	20	11	0	1	6	3	5	10	9	5	5	11	-	****	4	5	5	6	11	9
3	19	16	14	20	20	20	15	15	17	19	20	23	23	25	30	31	31	29	30	27	9	6	0	3	19
4	11	14	18	25	28	31	29	27	26	25	27	27	26	24	18	19	10	1	0	4	1	0	0	0	16
5	0	10	8	4	0	0	1	2	3	7	16	16	17	17	5	14	10	1	0	0	0	0	0	0	5
6	1	2	7	9	9	8	2	0	0	0	4	11	8	4	2	3	2	1	0	2	2	1	0	2	3
7	-	****	10	3	0	0	0	0	4	19	29	32	34	38	39	38	35	16	12	5	0	0	0	0	14
8	0	0	0	0	0	0	0	0	2	10	14	18	24	14	14	17	21	12	5	4	2	1	1	1	7
9	3	2	2	1	1	0	0	1	1	5	8	9	14	23	15	29	18	15	13	17	18	22	24	14	11
10	7	4	2	2	4	4	1	2	4	5	8	8	9	10	15	16	11	9	15	15	16	18	19	14	9
11	16	17	18	18	18	17	17	17	18	19	19	19	18	18	18	20	19	16	16	14	12	12	12	14	17
12	17	22	22	22	21	22	16	8	12	17	18	19	19	****	20	19	15	15	13	11	5	0	*	0	15
13	1	12	18	18	12	10	7	3	5	9	9	9	11	12	5	10	11	12	20	22	15	18	20	19	12
14	17	18	18	20	27	34	26	15	10	11	14	16	19	20	****	19	15	13	13	14	17	18	18	18	18
15	21	23	23	23	24	22	17	10	11	16	18	18	19	18	18	15	12	13	11	11	6	1	2	0	15
16	0	0	0	7	15	-	5	2	5	9	13	13	18	21	****	19	19	15	3	0	0	0	0	0	7
17	0	0	0	0	0	0	0	0	3	9	20	22	29	41	43	44	38	23	10	13	15	16	6	0	14
18	0	0	1	0	0	0	1	2	12	19	33	45	39	33	35	44	56	52	43	19	14	37	33	31	23
19	22	7	14	8	5	0	0	3	18	26	28	31	32	34	33	32	27	11	2	0	0	0	0	0	14
20	0	0	0	0	3	3	0	0	1	7	16	21	25	19	26	22	18	-	****	3	4	****	2	1	8
21	1	2	0	1	4	1	1	2	3	21	30	35	37	38	40	30	28	14	5	2	2	2	3	3	13
22	3	3	2	2	4	8	1	2	4	12	21	27	45	54	56	55	50	39	27	5	2	1	2	20	19
23	9	11	24	33	36	35	28	21	22	27	30	38	46	54	****	51	52	42	43	38	24	28	16	19	32
24	26	22	31	31	31	30	28	29	27	26	27	28	23	7	9	16	28	32	30	6	2	1	2	2	21
25	5	12	13	8	4	8	9	13	14	15	18	20	21	20	18	16	15	11	6	3	2	2	5	8	11
26	11	14	16	16	16	14	10	7	11	12	14	16	17	17	17	17	15	15	16	17	17	17	14	14	15
27	20	25	26	27	28	25	18	13	18	22	25	19	27	26	27	24	24	21	17	14	14	13	11	4	20
28	2	1	1	1	1	1	2	22	24	27	27	26	28	30	34	30	33	32	28	29	29	18	17	12	19
29	17	15	13	14	11	10	3	2	3	5	10	7	6	9	7	5	5	5	10	4	2	4	14	10	8
30	4	14	20	22	23	22	19	11	-	12	16	13	7	6	10	9	7	5	6	2	2	3	9	9	11
31	8	5	14	15	10	14	7	7	8	12	18	21	25	24	24	20	17	14	13	13	15	21	22	23	15
MEAN	8	10	12	12	13	13	10	8	10	15	19	21	23	23	21	23	22	17	14	11	8	9	9	8	14.1

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	25	28	30	31	32	30	31	30	30	29	30	31	29	29	29	28	28	26	27	28	26	24	24	28
2	23	22	21	20	20	17	16	12	10	11	10	****	9	7	****	****	6	3	2	7	2	10	6	13	12
3	21	21	25	26	27	26	18	11	14	****	****	26	27	3	****	21	17	15	14	10	8	7	7	4	17
4	4	5	2	8	9	7	1	2	7	18	18	23	23	22	23	22	20	20	20	20	19	18	19	17	14
5	7	4	12	13	13	****	5	5	-	-	10	9	10	9	5	22	18	10	9	10	20	18	23	23	12
6	27	25	31	26	22	23	23	17	15	17	16	15	14	11	14	14	12	12	13	13	14	15	17	16	18
7	16	17	18	19	20	20	****	****	****	****	****	****	21	21	21	21	21	20	17	11	12	12	11	4	17
8	0	0	0	7	14	13	17	21	****	****	****	****	****	32	31	30	32	26	22	20	20	17	22	22	18
9	26	28	29	29	26	25	22	23	19	21	23	24	25	25	25	12	20	15	15	11	2	2	2	2	19
10	17	20	22	23	24	22	14	11	16	19	22	24	27	27	24	****	****	****	****	****	****	****	****	2	20
11	2	8	16	16	10	4	9	14	26	31	33	34	34	****	32	31	30	30	23	18	17	24	31	15	21
12	1	11	19	21	23	26	23	22	23	24	25	25	27	27	31	30	27	28	26	26	29	31	32	27	24
13	25	25	27	29	27	27	28	25	25	28	27	26	25	25	26	26	27	26	25	25	24	25	22	17	26
14	19	20	23	25	26	26	16	8	10	20	21	15	26	31	28	18	31	29	31	32	21	8	0	0	20
15	1	5	22	28	29	29	26	25	25	27	27	28	26	27	27	24	23	22	16	16	13	15	12	15	21
16	19	21	19	19	17	15	8	4	6	9	11	13	13	17	17	14	12	11	9	10	12	13	12	12	13
17	15	17	16	18	17	12	9	7	10	15	18	20	23	24	****	24	20	19	15	11	10	11	12	11	15
18	18	19	20	22	24	16	12	12	14	20	24	25	29	26	25	22	19	19	17	16	17	17	17	16	19
19	21	22	23	18	13	9	5	7	16	25	25	27	29	29	****	22	25	14	9	6	8	8	8	9	16
20	16	14	11	0	0	0	0	1	2	6	17	21	17	17	****	20	17	15	7	0	0	0	0	0	8
21	0	0	0	0	0	0	2	17	27	33	36	40	43	48	47	44	43	41	28	10	0	12	26	23	22
22	0	0	0	3	18	20	21	20	22	26	31	31	32	30	32	30	31	25	15	2	0	1	2	11	17
23	4	6	3	2	2	2	7	8	19	11	26	27	****	****	19	25	20	35	15	0	0	0	0	0	11
24	0	0	0	0	0	0	7	11	22	29	35	34	41	57	61	62	56	59	56	43	36	15	4	0	26
25	10	31	29	24	34	36	34	29	21	28	34	****	****	43	52	54	52	49	44	24	10	36	46	34	34
26	20	1	5	28	32	28	17	13	11	20	25	24	19	21	14	22	11	2	9	23	30	32	31	30	20
27	28	20	****	15	12	10	6	2	1	5	4	5	5	****	4	4	2	2	3	2	2	5	6	6	7
28	9	7	14	15	17	16	15	13	14	15	14	15	15	9	13	13	12	18	13	8	****	****	****	****	13
29	****	3	6	12	18	16	17	20	20	22	19	20	22	20	24	25	25	20	13	8	1	****	****	****	17
30	****	16	17	14	5	2	1	6	13	14	15	15	22	24	25	25	19	18	8	10	2	0	****	13	13
MEAN	13	14	16	17	18	17	14	14	16	20	22	23	24	24	26	25	23	22	18	14	13	14	15	13	18.0

PERCENTAGE OF DATA VALID - 93.3 PERCENTAGE OF DATA INVALID - 6.4 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	19	20	20	18	12	3	5	8	10	7	11	9	****	14	12	9	14	11	3	0	0	2	6	10
2	4	0	0	0	0	0	0	11	20	24	28	35	32	36	38	36	32	28	26	22	16	30	32	29	20
3	24	33	36	37	35	27	22	20	21	24	22	23	21	0	4	1	0	0	0	19	23	26	25	27	20
4	28	27	25	22	19	6	3	7	12	14	13	15	18	4	12	9	-	11	9	7	8	7	9	9	13
5	8	15	21	20	16	12	13	18	19	22	24	25	20	27	25	26	26	21	15	7	26	14	12	13	19
6	13	17	17	15	18	21	24	26	24	28	31	34	35	34	30	26	28	25	28	31	32	30	32	34	26
7	35	33	32	33	32	30	26	28	34	33	33	38	41	37	****	****	****	****	****	****	****	****	****	****	******
8	****	****	****	****	1	2	1	1	6	4	3	2	2	3	2	4	4	5	5	9	11	9	5	2	4
9	2	4	5	7	16	19	18	11	5	8	5	3	1	1	1	2	2	2	2	****	****	1	5	13	6
10	3	1	0	0	2	7	12	14	9	3	****	2	1	****	2	0	1	****	****	4	0	23	9	0	5
11	****	****	****	****	****	****	2	2	1	0	1	0	0	****	0	0	0	0	0	0	0	0	28	****	2
12	****	****	****	****	****	****	****	****	7	6	2	1	0	3	3	1	1	21	10	****	****	15	14	14	******
13	15	21	20	22	21	21	22	20	21	22	4	0	0	0	1	1	0	0	0	-	****	****	****	****	11
14	****	****	****	****	****	****	****	****	****	****	****	3	0	0	0	1	2	2	8	7	9	6	6	2	******
15	0	0	1	1	1	6	12	11	9	4	4	4	6	5	****	****	****	****	****	****	****	****	****	****	******
16	****	****	****	****	****	****	****	****	****	****	20	20	21	22	23	18	21	18	12	5	2	1	2	2	******
17	-	3	0	****	0	0	3	4	12	25	25	31	26	28	21	30	38	49	38	21	11	10	21	25	19
18	28	14	2	2	6	3	8	13	23	29	37	45	42	62	63	54	58	50	48	37	27	32	17	24	30
19	17	17	14	25	17	18	20	21	23	25	27	33	43	44	42	40	37	32	28	13	26	28	17	13	26
20	10	15	22	16	26	17	24	35	20	20	26	34	46	49	53	56	57	59	56	54	10	1	1	1	30
21	****	20	2	1	1	7	30	35	39	37	31	28	31	29	28	28	25	18	13	16	13	13	16	18	21
22	21	18	22	21	17	5	7	16	26	30	30	34	30	28	24	34	38	37	34	21	6	2	2	****	22
23	22	21	16	22	26	16	9	14	27	28	32	34	36	39	45	47	43	42	41	27	41	36	25	22	30
24	10	19	12	12	10	14	7	12	15	18	22	25	27	16	27	27	26	23	25	18	3	0	5	25	17
25	26	27	28	27	-	****	8	6	11	12	9	13	11	14	12	14	14	15	15	15	17	17	10	12	15
26	18	20	21	19	16	10	8	11	14	16	19	26	28	25	27	30	27	18	19	15	12	15	2	1	17
27	3	2	1	2	9	13	15	15	18	22	26	18	18	20	30	38	39	37	33	21	12	0	0	8	17
28	20	12	2	0	0	0	1	4	10	21	15	18	25	****	12	14	17	15	3	0	0	0	0	0	8
29	0	0	0	0	0	0	0	0	1	7	13	23	19	19	20	18	26	12	22	14	1	0	0	0	8
30	0	0	0	1	0	0	2	9	18	21	17	14	28	30	****	35	49	69	64	45	22	9	0	0	19
31	0	0	0	0	0	0	1	8	31	48	65	73	79	69	64	61	55	53	51	45	16	2	0	0	30
MEAN	14	14	12	13	12	10	11	13	17	19	20	21	22	24	22	23	24	24	22	18	13	12	11	12	17.0

PERCENTAGE OF DATA VALID - 88.7 PERCENTAGE OF DATA INVALID - 10.8 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	5	14	29	34	25	28	33	42	50	52	****	-	-	49	49	46	47	37	18	6	2	0	0	27
2	0	0	0	7	31	32	22	15	17	20	21	23	26	30	32	42	38	33	29	12	2	0	0	0	18
3	7	5	10	21	21	17	17	22	26	35	39	52	67	68	66	66	63	58	45	22	2	4	6	11	31
4	14	5	0	21	19	10	13	9	27	46	41	43	65	****	63	52	57	37	35	9	3	20	23	16	27
5	12	44	38	38	27	8	3	12	17	7	19	-	20	23	21	19	19	18	15	9	8	5	4	8	17
6	9	7	13	15	10	7	12	17	21	22	22	23	23	****	****	23	23	24	20	20	21	20	23	25	18
7	25	28	20	22	23	20	14	19	25	34	50	66	74	82	80	76	80	89	76	61	24	1	14	38	43
8	34	42	42	32	27	15	3	9	17	24	27	27	33	31	44	49	45	39	25	12	8	7	3	5	25
9	4	4	1	0	0	1	6	29	41	50	50	51	61	68	65	73	73	64	56	50	50	51	47	35	39
10	17	26	41	35	33	32	32	27	27	28	36	48	59	64	64	62	59	53	30	37	17	18	20	23	37
11	25	27	26	26	25	18	9	9	14	15	14	16	14	13	13	12	14	-	-	6	1	1	1	2	14
12	5	6	9	11	5	2	4	8	16	18	17	17	14	****	13	15	17	14	****	10	3	1	3	4	10
13	3	10	11	13	14	5	3	7	16	24	24	24	25	****	****	****	****	****	****	****	****	****	****	****	******
14	****	****	****	****	****	****	****	****	****	****	****	****	****	36	50	40	45	48	39	40	19	26	30	34	******
15	19	23	38	39	30	12	10	15	27	40	****	****	49	74	77	71	78	81	69	58	48	53	50	58	46
16	53	58	52	47	43	40	38	47	52	58	64	72	80	90	90	89	92	85	68	53	43	42	20	9	58
17	4	13	10	9	19	36	57	65	65	63	79	80	56	75	79	79	77	75	61	43	41	36	37	33	50
18	26	22	21	22	23	20	15	17	22	30	****	35	37	26	26	26	29	29	24	11	0	0	0	0	20
19	1	0	8	10	5	2	3	17	30	37	32	34	35	37	37	35	36	39	40	36	22	23	20	18	23
20	16	14	14	20	14	16	24	27	30	34	40	47	57	57	60	63	55	55	60	61	56	48	10	20	37
21	44	55	49	56	53	43	18	6	13	20	20	27	31	38	40	41	42	45	45	40	28	26	5	27	34
22	29	38	36	32	32	16	6	10	12	11	23	28	24	11	10	10	-	7	7	7	9	14	12	13	17
23	13	14	16	17	13	10	8	7	8	7	8	8	8	9	9	8	8	6	6	6	6	6	4	4	9
24	6	10	****	15	16	16	16	****	17	17	19	21	25	24	23	21	20	17	14	10	4	2	4	9	15
25	10	12	13	13	7	3	4	9	20	27	27	27	23	24	17	21	-	16	22	7	2	0	0	0	13
26	0	0	0	0	0	0	1	7	22	26	26	31	27	33	****	53	51	24	32	36	30	8	33	33	21
27	36	30	23	34	42	33	14	9	10	13	34	45	41	20	0	17	32	22	23	23	37	12	10	14	24
28	18	24	22	12	11	9	4	8	12	20	31	32	36	18	51	65	62	68	53	30	37	35	28	7	29
29	7	1	5	11	31	32	23	28	32	37	46	54	58	34	40	42	40	42	46	42	41	43	42	-	34
30	40	39	42	44	42	39	39	37	37	37	40	41	36	45	49	-	53	45	52	45	41	46	47	49	43
MEAN	16	19	21	22	22	18	15	19	25	29	33	37	39	41	43	44	46	42	38	28	21	19	17	18	27.8

PERCENTAGE OF DATA VALID - 93.8 PERCENTAGE OF DATA INVALID - 5.0 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	49	47	46	45	41	33	38	35	29	23	23	34	39	42	45	42	39	35	31	17	27	15	12	10	33
2	5	0	0	0	0	2	20	36	32	19	13	14	14	15	15	15	18	15	13	5	2	0	4	9	11
3	13	17	17	16	16	6	3	8	13	16	****	19	17	17	17	12	14	14	14	10	6	0	1	1	12
4	4	4	8	8	4	0	1	4	11	15	16	19	19	16	15	14	16	18	15	13	12	9	9	18	11
5	13	15	17	19	14	9	5	7	10	10	****	****	21	21	18	20	17	20	17	14	6	4	6	11	13
6	14	16	19	20	13	5	5	7	15	23	22	25	23	24	21	25	23	23	15	12	9	11	7	7	16
7	5	4	9	6	5	5	5	8	15	24	38	34	37	46	47	48	49	49	42	27	18	11	3	3	22
8	2	2	3	2	3	5	12	16	28	47	47	46	47	58	58	64	66	71	59	34	17	13	24	14	31
9	9	3	5	21	16	33	30	48	52	54	66	84	88	85	86	76	79	80	74	71	27	19	35	44	49
10	64	50	45	44	47	38	38	40	32	32	33	-	29	****	48	51	51	48	38	18	15	23	8	2	36
11	4	15	13	19	14	4	3	13	24	26	37	66	96	140	165	102	45	28	23	16	9	4	2	2	36
12	2	2	2	2	2	2	4	13	26	41	49	49	50	****	106	92	80	59	40	32	33	12	6	2	31
13	1	1	1	1	2	2	4	15	34	51	62	74	82	70	70	69	****	****	****	****	****	****	****	****	34
14												-	DATA	INVALID	-										
15												-	DATA	INVALID	-										
16												-	DATA	INVALID	-										
17	****	****	****	****	****	****	****	****	****	****	****	****	****	36	42	29	11	18	12	12	10	9	7	8	******
18	13	15	13	13	6	4	5	8	17	29	31	46	51	52	47	48	60	58	47	35	8	4	6	8	26
19	11	13	10	4	3	3	4	6	7	23	31	40	40	50	59	56	54	54	43	25	15	9	3	3	24
20	3	3	3	3	3	4	4	13	29	49	59	62	66	71	65	51	49	47	44	50	22	7	3	3	30
21	****	3	3	3	3	5	22	39	62	72	78	86	91	101	109	123	86	87	78	55	45	24	10	3	52
22	5	6	3	6	25	37	-	44	61	68	82	92	88	88	76	77	88	83	83	63	46	21	15	18	51
23	****	21	28	30	23	27	29	39	36	56	76	84	98	100	98	95	92	86	79	73	58	58	48	48	60
24	31	24	25	30	25	14	16	24	31	28	40	52	58	31	66	64	59	45	31	31	29	46	28	17	35
25	19	19	29	31	19	9	8	9	10	16	20	24	43	48	43	43	49	****	30	17	6	****	****	4	24
26	****	****	****	****	****	****	****	3	5	****	3	8	12	3	7	9	10	11	11	11	11	8	4	9	8
27	11	13	14	18	12	4	2	3	6	19	24	33	29	-	20	63	65	39	25	17	4	13	12	20	20
28	19	9	8	5	3	2	4	10	21	24	18	27	42	42	55	56	44	40	37	22	12	4	5	2	21
29	2	1	1	0	2	3	10	18	22	26	32	35	43	54	51	60	71	45	48	25	9	2	1	1	23
30	1	1	5	5	3	1	2	11	20	41	51	60	58	45	62	64	57	65	70	68	54	48	43	42	37
31	50	44	45	40	18	12	8	8	15	28	31	28	33	20	46	38	17	9	2	6	13	9	7	16	23
MEAN	15	13	14	15	12	10	11	18	25	33	39	46	49	51	56	54	48	44	38	29	19	15	12	12	28.4

PERCENTAGE OF DATA VALID - 84.7 PERCENTAGE OF DATA INVALID - 14.9 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	27	27	27	23	11	2	7	11	17	24	30	30	35	36	36	33	30	30	28	27	23	24	28	24
2	30	32	31	32	31	29	29	17	17	22	27	25	31	28	23	23	25	22	22	12	4	2	0	0	21
3	0	0	0	0	0	0	1	8	22	32	27	52	45	60	53	66	62	53	41	12	2	4	4	0	23
4	0	0	0	0	0	0	6	12	25	42	63	76	73	83	81	74	74	68	57	20	3	2	1	0	32
5	0	1	26	32	30	19	12	26	39	44	48	49	49	47	44	44	44	41	37	27	17	13	20	27	31
6	31	36	35	32	25	20	13	12	16	16	19	23	24	25	27	25	26	24	20	16	2	0	0	0	19
7	0	3	6	5	3	0	2	5	7	6	3	6	****	****	30	34	45	49	50	42	33	23	17	17	18
8	12	12	11	9	11	2	0	0	2	9	13	18	23	29	27	21	16	14	12	9	3	3	0	0	11
9	3	9	10	2	3	5	3	10	17	20	23	17	****	****	24	24	23	21	19	17	18	21	18	19	15
10	19	6	5	4	12	14	13	13	7	7	23	31	****	29	23	18	20	18	14	12	10	8	8	11	14
11	12	14	15	14	12	10	6	8	12	12	17	16	16	18	18	22	21	17	10	6	6	5	4	5	12
12	6	5	3	6	13	9	9	14	16	18	20	20	21	25	25	25	26	26	24	12	2	0	0	0	14
13	1	0	0	0	0	1	1	2	10	20	22	26	25	37	29	64	38	30	27	33	30	30	30	36	21
14	34	31	28	28	23	10	3	7	16	17	16	13	11	12	****	8	10	10	-	8	7	7	6	8	14
15	9	8	8	11	10	5	2	3	6	7	8	11	10	9	8	6	7	7	4	2	2	0	0	0	6
16	0	1	4	4	2	0	0	4	12	19	15	21	18	11	21	15	16	11	32	18	0	0	0	0	9
17	0	0	0	0	0	0	0	1	4	7	12	13	14	22	22	14	13	11	1	1	7	12	4	5	7
18	10	3	21	33	27	29	30	23	15	15	14	14	13	13	9	4	0	0	0	0	0	0	0	0	11
19	0	0	0	2	3	18	18	23	25	25	26	29	30	30	30	36	46	41	24	6	4	0	1	0	17
20	6	5	10	12	6	0	0	1	7	18	22	26	28	18	11	10	17	18	18	4	1	0	0	0	10
21	0	0	0	0	0	0	0	1	10	21	31	30	25	23	51	40	24	9	7	2	1	2	2	0	12
22	1	1	2	8	9	6	7	13	21	26	28	31	36	40	41	40	40	31	30	26	25	23	24	25	22
23	23	24	22	17	11	9	8	8	16	10	60	15	16	12	20	18	18	17	14	19	24	32	17	11	18
24	9	18	18	19	13	4	2	2	8	16	26	36	****	38	32	39	41	33	30	25	24	24	18	15	21
25	18	20	29	26	25	17	10	16	18	22	24	25	32	31	26	29	32	32	24	14	15	13	14	11	22
26	7	13	12	7	1	0	1	8	25	30	33	34	33	30	31	32	31	29	28	27	31	30	3	0	20
27	27	31	26	23	28	5	0	0	11	17	25	31	38	42	50	44	22	11	22	24	21	18	7	5	22
28	0	0	0	0	0	0	0	3	26	35	40	35	****	47	48	50	46	41	34	31	31	35	39	38	25
29	29	39	38	37	30	16	3	11	17	20	16	12	26	26	32	32	25	32	35	25	16	6	0	0	22
30	0	0	0	2	0	0	0	2	17	25	32	41	47	32	29	23	20	18	10	4	6	3	0	0	13
31	5	14	14	12	5	0	0	5	15	18	22	14	18	30	33	31	29	25	28	25	20	18	8	2	16
MEAN	10	11	13	13	11	8	6	9	15	20	25	26	28	30	31	31	29	25	23	16	13	12	9	8	17.5

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	0	4	13	28	28	36	51	80	86	82	68	64	64	62	66	50	26	44	36
2	45	44	42	34	30	33	32	29	28	29	33	31	27	28	31	31	34	33	28	21	18	18	16	5	29
3	10	4	3	3	10	20	18	22	22	22	23	24	24	22	21	18	16	11	8	2	4	3	7	8	14
4	7	11	10	8	6	0	0	2	4	9	14	20	24	24	29	33	34	29	23	16	5	10	3	0	13
5	0	0	0	0	0	0	0	4	19	20	0	33	34	41	41	38	41	51	55	52	31	30	28	17	22
6	15	14	7	10	6	1	0	****	0	1	19	37	46	48	45	31	26	26	22	20	22	17	13	19	19
7	16	16	12	9	8	3	1	3	12	15	10	7	6	5	6	7	5	3	2	4	5	6	6	8	7
8	8	11	15	16	14	10	6	9	13	16	16	18	17	21	17	20	16	16	9	1	3	3	1	0	12
9	0	0	0	0	0	0	0	3	14	19	21	22	26	28	31	29	28	26	25	22	20	15	16	6	15
10	4	9	4	2	3	2	0	6	16	20	22	20	11	****	16	7	5	7	9	5	2	1	0	1	7
11	5	4	2	0	0	0	0	1	8	14	16	15	13	18	21	-	20	12	3	0	0	0	0	15	7
12	14	0	5	18	15	11	7	14	18	19	20	22	26	****	32	35	33	32	28	26	28	29	21	17	20
13	9	19	19	18	14	7	0	17	33	44	50	54	54	58	53	53	48	31	15	21	28	31	24	26	30
14	39	42	44	42	40	38	30	2	6	3	2	6	6	11	10	10	10	7	3	1	0	1	1	0	15
15	0	1	1	1	0	0	0	5	12	16	17	16	19	18	18	19	17	11	5	2	3	1	0	0	8
16	0	1	2	6	10	9	1	4	9	15	23	25	29	36	38	40	35	20	2	2	1	1	4	10	13
17	16	19	21	13	5	0	0	2	7	13	22	32	33	44	46	41	35	35	22	16	20	27	23	24	22
18	35	49	38	26	22	12	2	5	13	24	37	42	44	52	52	48	39	33	21	****	7	6	4	4	27
19	8	12	15	19	16	6	2	6	11	14	14	17	17	19	16	14	12	****	2	1	0	0	0	0	10
20	0	0	0	0	0	0	1	1	3	****	11	19	24	29	34	26	25	18	9	8	14	12	3	2	10
21	8	16	16	15	10	2	2	3	5	8	18	16	18	11	9	6	9	9	3	2	****	3	4	5	9
22	3	5	5	5	5	2	3	7	12	16	19	19	18	19	18	18	16	10	4	5	6	6	7	8	10
23	5	3	5	3	2	1	3	10	16	21	22	22	23	24	24	24	24	22	10	2	2	2	3	3	12
24	2	2	2	1	1	2	2	4	12	19	21	29	29	33	37	39	39	36	28	25	26	17	4	3	17
25	2	2	2	2	2	2	3	3	3	7	12	17	****	****	25	24	18	16	3	4	1	0	0	0	7
26	0	16	25	26	18	3	0	0	5	8	14	18	22	29	26	21	17	11	2	0	0	0	0	0	11
27	0	0	0	0	0	0	0	0	2	10	16	21	35	****	25	35	32	12	1	0	6	15	3	0	9
28	0	2	9	12	5	2	0	1	2	9	14	15	10	5	9	10	15	21	5	6	15	9	0	0	7
29	0	0	0	0	0	0	0	0	6	11	13	27	37	41	46	44	41	34	29	23	12	4	1	1	15
30	3	12	14	16	15	20	16	5	17	17	15	21	16	18	41	38	27	32	16	0	0	6	11	15	16
MEAN	9	10	11	10	9	6	4	6	11	16	19	23	25	29	30	29	26	23	15	12	12	11	8	8	15.0

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	14	21	19	7	3	0	0	3	****	13	18	20	22	27	17	15	14	2	0	0	0	0	0	10
2	2	8	9	9	4	2	0	0	1	5	15	24	17	13	23	21	26	21	17	17	15	19	12	13	12
3	19	19	19	17	13	10	8	8	13	6	1	2	1	0	1	0	0	0	3	8	3	1	0	4	7
4	19	21	21	19	12	2	0	0	0	4	7	3	1	2	7	2	0	0	0	0	0	0	0	0	5
5	0	0	0	0	0	0	0	0	0	1	1	2	****	1	1	0	0	1	1	0	3	4	2	4	1
6	9	13	15	15	8	4	3	3	6	7	8	10	9	14	11	12	13	15	15	11	11	17	19	6	11
7	3	3	8	8	15	17	13	11	12	14	14	13	10	9	8	9	8	9	7	8	7	7	6	8	9
8	9	-	13	15	16	7	3	9	14	17	18	19	16	12	12	8	2	0	0	1	3	10	11	14	10
9	15	17	17	14	11	7	5	2	7	6	-	****	10	****	11	10	7	6	0	0	0	0	0	0	7
10	0	0	-	0	0	****	0	1	5	12	17	18	21	23	25	23	19	14	2	7	2	6	0	0	9
11	0	0	0	0	0	0	0	0	2	6	11	16	18	20	****	19	16	16	9	3	0	5	11	13	7
12	16	18	19	18	16	12	3	0	1	2	****	****	10	10	12	5	1	1	1	2	5	2	4	5	7
13	6	10	13	12	9	5	3	4	7	7	4	8	9	9	11	10	6	4	4	1	3	5	1	0	6
14	1	1	0	7	7	6	3	4	13	14	16	14	13	14	17	16	10	9	4	2	2	1	1	5	8
15	6	4	3	6	6	3	1	-	1	****	1	2	7	10	40	7	5	2	2	1	0	0	0	3	5
16	11	11	10	10	10	1	0	0	9	15	17	-	19	20	20	21	19	14	10	9	4	0	0	0	10
17	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	7	9	10	2	0	0	1	4	9	9	12	13	6	15	14	13	6	0	0	0	0	0	0	5
19	3	9	10	12	18	15	10	9	12	10	11	12	19	25	23	-	-	10	16	21	25	12	8	8	14
20	4	7	17	16	6	1	1	1	3	7	19	20	26	30	27	22	21	20	16	15	15	21	19	14	15
21	10	15	20	21	21	18	18	16	18	18	20	23	22	24	25	26	20	12	16	15	5	1	0	2	16
22	17	19	13	10	8	0	0	0	4	10	17	17	13	19	31	27	15	10	17	11	0	8	12	17	12
23	20	26	28	24	13	8	4	4	6	3	1	1	2	3	2	1	0	0	1	0	0	1	1	0	6
24	0	1	4	7	9	6	2	1	2	2	2	2	2	1	3	3	2	3	6	8	8	-	9	13	4
25	13	17	18	17	12	2	1	1	7	10	13	13	13	14	8	5	6	3	4	3	5	7	11	13	9
26	15	18	15	16	12	7	0	0	4	7	4	8	7	-	8	6	5	4	4	4	4	4	6	5	7
27	4	6	10	19	14	5	2	0	4	13	14	17	14	18	21	16	13	14	16	12	15	12	10	10	12
28	11	11	12	12	14	12	3	0	0	1	2	4	7	5	2	3	2	0	0	0	1	1	6	5	5
29	9	12	14	16	15	12	4	0	0	1	1	1	4	3	1	2	1	0	1	2	2	0	0	0	4
30	6	7	6	12	4	2	5	9	4	7	14	16	20	21	21	19	16	7	8	14	16	16	12	11	11
31	14	13	11	12	14	15	8	3	7	12	13	16	17	18	19	18	15	18	20	23	20	6	0	0	13
MEAN	8	10	12	12	10	6	3	3	6	8	10	11	12	13	14	11	9	8	7	6	6	6	5	6	8.3

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	14	20	24	23	19	5	1	5	9	****	****	14	12	16	12	7	0	0	0	5	8	6	2	9
2	3	9	7	4	3	1	0	0	0	3	9	12	10	10	7	6	1	0	0	0	0	0	0	0	4
3	0	0	0	0	0	0	0	0	0	2	10	10	8	10	12	9	5	3	3	0	0	0	0	-	3
4	0	0	0	1	5	1	3	2	10	12	15	11	12	10	10	9	3	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	1	6	8	10	16	18	24	14	8	5	4	6	3	1	1	1	5
6	1	1	1	1	1	1	1	0	1	1	2	2	2	1	1	1	0	0	0	0	1	0	1	1	1
7	1	3	7	8	11	11	9	4	4	7	11	13	14	11	7	5	6	4	3	6	6	8	10	5	7
8	0	0	2	6	9	-	****	5	6	8	5	5	2	1	2	2	1	1	0	0	1	0	0	0	3
9	0	0	0	0	0	1	1	2	2	2	2	****	8	9	****	****	5	0	1	-	3	****	6	2	2
10	0	0	****	****	****	****	****	****	4	****	****	****	16	****	****	****	****	****	****	****	****	****	****	****	*****
11	****	****	-	****	****	****	****	7	5	8	10	****	-	5	7	****	6	****	4	****	****	0	0	0	*****
12	0	3	13	-	15	****	****	****	5	13	19	****	****	18	****	9	****	1	****	1	****	1	1	****	*****
13	****	****	1	6	****	****	****	0	1	1	****	****	8	8	8	7	3	1	1	0	0	1	1	1	3
14	0	2	2	3	5	6	1	1	1	2	6	10	9	12	3	1	0	0	0	0	0	0	0	0	3
15	0	0	0	0	0	0	0	0	0	0	1	4	2	0	0	0	0	****	****	****	0	0	4	7	1
16	12	14	16	18	18	14	3	0	0	5	9	9	9	****	15	4	0	0	0	0	0	****	0	0	7
17	0	0	1	3	3	3	1	0	0	0	0	1	2	1	3	1	0	****	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	6	16	20	18	16	16	11	7	4	9	10	10	10	9	2	7
19	4	6	6	5	3	3	2	0	0	3	5	5	5	6	6	4	0	0	0	0	0	0	0	****	3
20	****	0	0	0	****	****	0	0	0	0	1	7	11	****	11	9	3	3	4	3	7	7	10	10	4
21	15	19	17	18	20	20	7	2	8	19	19	19	18	18	20	19	16	-	18	19	20	14	12	12	16
22	14	12	10	7	2	1	1	2	2	4	4	3	2	3	3	3	5	4	5	10	9	7	5	4	5
23	6	13	16	21	14	9	5	2	5	9	9	6	9	10	6	2	1	1	2	2	2	2	2	2	7
24	2	2	2	5	11	10	5	5	9	10	8	9	10	13	11	9	3	2	1	2	1	****	1	1	6
25	1	2	2	2	1	1	1	1	2	3	6	8	8	12	14	12	12	13	9	11	13	13	12	11	7
26	11	9	9	11	9	11	13	3	8	17	18	12	9	13	9	10	14	16	19	18	20	19	19	20	13
27	20	20	18	19	20	20	12	4	3	5	7	12	15	10	11	8	1	0	0	0	0	0	0	0	9
28	0	0	3	4	7	9	2	1	4	8	13	12	10	11	6	****	2	4	4	4	4	2	2	1	5
29	2	2	2	6	6	4	1	0	0	1	5	5	7	7	5	4	-	****	0	0	0	0	0	1	3
30	1	0	3	5	9	10	6	2	4	7	9	7	9	11	9	7	5	2	2	0	0	0	0	0	5
MEAN	4	5	6	7	8	6	3	2	3	6	8	9	9	9	9	7	4	3	3	4	4	4	4	3	5 3

PERCENTAGE OF DATA VALID - 89.3 PERCENTAGE OF DATA INVALID - 9.6 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	0	0	0	0	2	4	2	2	2	2	1	****	2	2	1	3	5	5	6	7	2
2	6	7	12	13	13	10	11	12	12	11	15	15	15	16	14	10	3	0	0	0	0	0	0	0	8
3	0	0	0	0	0	1	0	0	0	6	9	14	11	9	13	12	****	4	2	0	2	5	6	4	4
4	2	2	1	1	0	0	0	0	0	0	2	5	9	****	7	4	0	0	0	0	2	0	0	0	2
5	0	0	0	0	5	1	1	0	0	4	8	10	11	9	8	13	14	14	15	16	16	8	25	17	8
6	18	22	23	22	17	10	2	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	5
7	0	0	0	0	0	0	0	0	0	1	6	3	5	6	1	1	0	0	0	2	1	0	1	0	1
8	0	3	10	12	15	15	14	13	12	11	10	10	11	11	10	10	7	5	****	3	7	9	7	1	9
9	1	0	2	7	10	11	11	6	4	2	6	5	6	7	5	1	0	0	0	0	0	0	4	4	4
10	5	4	6	4	1	0	0	0	0	3	****	9	10	9	8	6	10	10	8	8	3	0	1	0	5
11	0	2	3	0	2	9	5	0	0	3	3	5	7	8	****	8	4	5	1	1	2	3	4	6	4
12	4	11	17	20	19	16	7	4	3	5	6	6	9	10	8	6	3	5	7	7	9	11	13	14	9
13	15	16	17	15	17	16	11	4	1	7	8	11	9	7	6	3	1	0	0	0	0	2	1	9	7
14	8	8	6	5	6	0	0	0	0	4	9	8	10	****	11	6	3	2	2	1	1	2	4	5	4
15	0	0	0	0	0	0	3	1	5	8	8	8	10	13	13	11	6	4	3	1	0	0	0	0	4
16	0	0	0	0	0	0	0	0	1	2	2	2	2	1	1	7	9	10	12	12	13	13	13	15	5
17	18	20	22	21	19	16	4	0	1	3	5	5	8	11	9	6	4	0	3	1	5	7	7	8	8
18	9	13	14	13	12	11	7	4	7	10	6	7	****	6	7	5	1	0	0	0	0	0	0	1	6
19	16	18	9	9	10	10	11	10	10	9	11	11	11	12	12	7	2	1	1	2	4	5	5	3	8
20	4	4	6	7	5	4	2	0	1	2	4	4	4	5	4	3	1	0	0	0	1	1	1	1	3
21	1	0	5	13	12	6	0	0	2	5	9	16	18	19	16	10	6	3	0	0	0	0	0	0	6
22	1	2	1	3	6	6	3	2	2	4	4	3	2	1	1	0	0	0	0	0	0	0	0	0	2
23	0	0	0	0	0	0	1	2	2	3	3	3	1	1	1	0	0	0	0	0	0	0	0	0	1
24	0	1	1	1	0	0	0	0	2	3	2	2	2	2	2	2	2	2	2	1	1	1	0	1	1
25	0	0	0	0	2	4	4	5	5	8	9	9	9	7	8	9	9	11	12	12	9	9	10	11	7
26	12	15	18	19	19	19	18	17	15	15	13	12	11	10	8	8	7	9	7	8	8	6	4	2	12
27	5	10	13	15	18	16	11	4	5	8	7	10	12	12	10	9	3	4	4	4	5	7	9	9	9
28	13	15	18	19	20	17	11	4	5	5	9	13	12	****	8	6	1	0	1	0	0	0	0	0	8
29	1	1	0	1	2	1	0	1	2	6	9	10	10	9	9	7	3	1	0	0	0	0	1	2	3
30	4	4	3	3	1	2	1	5	8	9	8	10	12	10	12	9	2	0	0	0	1	2	0	0	4
31	0	0	0	0	0	0	0	0	0	0	2	2	****	5	4	3	0	0	0	0	0	0	0	-	1
MEAN	5	6	7	7	7	6	4	3	3	5	7	7	8	8	7	6	3	3	3	3	3	3	4	4	5.1

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	5.6	12	22
FEB	27	12.3	20	35
MAR	31	14.1	32	56
APR	30	18.0	34	62
MAY	26	17.0	30	79
JUN	28	27.8	58	92
JUL	27	28.4	60	165
AUG	31	17.5	32	83
SEP	30	15.0	36	86
OCT	31	8.3	16	40
NOV	27	5.3	16	24
DEC	31	5.1	12	25
YEAR	350	14.4	60	165

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	576	134	0	0	0	0	0	0	710
FEB	278	337	8	0	0	0	0	0	623
MAR	304	364	54	8	0	0	0	0	730
APR	172	435	56	9	0	0	0	0	672
MAY	253	303	83	21	0	0	0	0	660
JUN	159	251	169	88	8	0	0	0	675
JUL	188	206	125	79	25	4	2	1	630
AUG	277	333	107	16	2	0	0	0	735
SEP	336	270	84	17	2	0	0	0	709
OCT	455	267	2	0	0	0	0	0	724
NOV	527	116	0	0	0	0	0	0	643
DEC	605	128	0	0	0	0	0	0	733
YEAR	4130	3144	688	238	37	4	2	1	8244

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
94.1	0	0.0	3.6	10.0	17.6	32.0	44.1	59.6	71.8	165	14.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 5C CTR 770 DON MILLS RD. NORTH YORK MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	3	5	7	1	0	0	1	3	3	6	6	3	2	2	2	6	7	11	12	7	12	12	5
2	15	18	18	22	20	21	17	8	7	8	14	15	15	13	15	10	3	0	0	6	-	-	-	18	13
3	21	21	21	17	9	8	7	3	5	10	15	17	18	****	****	13	8	7	9	7	10	12	12	12	12
4	14	14	14	15	14	13	10	5	7	12	16	17	16	24	23	18	11	9	9	10	9	14	16	15	14
5	19	19	20	19	20	19	14	6	5	9	****	19	21	22	19	17	6	3	3	1	1	0	****	1	12
6	0	0	0	0	0	0	0	0	3	7	15	18	13	10	11	13	12	3	0	0	3	5	11	9	6
7	4	2	3	1	1	1	0	0	1	1	3	7	5	4	3	2	1	0	1	1	1	1	1	2	2
8	3	5	9	5	2	0	0	0	1	5	10	18	23	****	****	17	13	6	4	3	3	4	4	2	6
9	6	12	11	7	11	13	8	4	5	8	11	16	18	16	13	9	4	0	1	0	0	0	0	0	7
10	0	0	0	0	3	3	2	0	2	6	12	14	17	****	20	18	10	4	0	0	0	3	****	10	6
11	11	4	2	0	0	0	0	0	0	0	4	12	16	20	21	17	10	2	0	-	-	0	0	0	5
12	0	0	0	0	0	0	0	0	0	2	22	21	17	21	21	14	13	4	-	-	0	0	0	0	6
13	0	0	0	0	0	1	3	3	2	3	6	7	8	9	9	7	7	8	9	9	8	5	4	5	5
14	3	2	0	0	0	0	0	0	0	13	20	23	23	23	25	27	25	22	13	9	15	16	19	18	12
15	20	22	24	24	22	22	20	13	13	17	19	19	20	21	19	15	9	3	7	7	6	10	9	11	16
16	10	9	6	2	3	5	2	0	2	6	11	****	21	22	22	19	9	1	0	0	0	0	0	0	7
17	0	0	0	0	0	3	12	7	7	13	12	9	10	7	3	0	0	0	0	0	5	9	10	12	5
18	13	12	17	16	12	13	12	6	8	18	-	-	23	25	27	23	14	5	4	4	3	2	1	0	12
19	0	0	0	0	0	0	0	0	0	****	5	4	-	7	19	13	6	0	0	0	0	1	2	2	3
20	1	1	3	5	7	8	3	5	2	4	4	5	6	4	3	1	1	0	0	0	0	0	0	0	3
21	1	2	2	2	2	1	5	5	8	12	15	17	19	21	22	20	17	18	19	20	18	16	14	17	12
22	19	21	19	18	17	-	6	1	2	9	17	20	20	21	24	22	15	****	10	12	11	8	3	0	13
23	4	17	16	16	15	13	2	2	1	10	8	17	20	21	15	14	8	8	3	2	11	12	9	8	11
24	6	13	12	12	18	7	3	4	8	-	10	12	12	8	13	15	14	19	18	18	19	18	18	19	13
25	19	18	16	4	4	13	8	2	3	5	7	7	13	15	15	9	5	3	5	7	12	11	7	7	9
26	14	17	20	20	18	18	15	6	5	10	16	****	20	21	22	15	10	8	4	7	7	7	7	4	13
27	6	7	9	12	9	6	3	0	1	4	8	11	11	10	10	6	2	0	0	0	0	0	0	0	5
28	0	0	1	6	9	14	15	14	16	17	18	20	19	17	17	16	15	17	18	19	20	21	21	22	15
29	23	25	26	26	26	26	24	18	18	15	20	23	25	24	20	20	16	13	17	21	20	22	21	21	21
30	22	25	26	26	27	26	23	14	13	17	****	27	28	28	28	25	21	-	17	25	24	15	16	14	22
31	19	20	25	27	27	26	22	12	12	20	24	27	29	28	26	22	17	16	20	24	23	23	24	26	22
MEAN	9	10	10	10	10	9	8	4	5	9	12	15	17	17	17	14	10	6	7	8	8	8	9	9	10.0

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	28	28	28	28	28	25	15	17	20	24	25	27	39	14	24	22	16	11	10	9	14	19	18	22
2	21	21	21	21	21	20	17	16	16	20	24	27	27	27	26	26	28	20	1	4	4	1	0	0	17
3	0	0	0	0	0	0	0	0	0	1	8	9	14	15	17	17	8	3	4	0	0	0	0	2	4
4	10	5	2	3	0	2	2	1	4	14	25	35	37	39	37	37	34	29	25	23	20	18	16	18	18
5	19	21	22	24	24	21	15	8	14	22	26	27	27	27	27	26	-	16	9	7	5	12	11	9	18
6	3	15	17	11	6	2	0	0	0	3	8	14	14	8	10	****	9	13	10	7	4	3	2	2	7
7	2	9	10	7	7	1	1	2	6	14	15	20	19	19	18	18	15	13	6	1	4	4	2	3	9
8	6	5	5	16	24	21	13	5	****	16	24	28	29	29	28	26	19	14	14	13	12	15	18	20	17
9	19	19	21	21	22	21	18	9	15	21	23	24	25	****	29	28	19	5	1	0	1	0	2	2	15
10	1	4	2	1	1	1	1	1	3	11	14	21	26	30	31	32	30	27	17	19	16	17	16	15	14
11	16	13	16	15	15	10	9	11	18	22	23	26	24	24	20	16	10	2	1	0	0	0	0	0	12
12	1	0	0	0	0	1	0	1	1	2	5	11	15	22	19	14	8	3	1	3	12	13	10	15	7
13	18	18	19	21	17	16	11	4	7	10	16	****	****	****	****	****	****	****	****	****	****	****	****	****	******
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	13	14	16	13	0	1	3	4	9	******
15	15	19	24	23	21	21	12	4	8	15	22	24	24	26	23	21	20	19	-	20	9	14	18	20	18
16	24	23	25	25	25	23	11	5	9	18	26	27	29	30	31	28	22	16	13	16	19	-	26	24	22
17	22	23	23	24	23	23	22	19	22	26	25	25	28	31	30	28	25	19	4	4	3	1	7	2	19
18	0	0	0	1	0	1	1	6	12	16	22	25	24	22	27	26	25	22	22	23	-	21	13	****	14
19	****	23	****	20	15	6	0	1	2	5	9	16	22	28	30	25	14	13	2	3	2	7	6	6	12
20	8	8	9	13	13	13	16	8	12	18	18	****	15	24	27	24	15	4	1	1	1	0	0	0	11
21	0	0	0	0	0	0	0	0	0	2	3	1	3	6	5	3	3	0	3	11	18	31	38	42	7
22	43	37	38	38	36	33	25	10	12	13	21	23	23	19	11	9	7	1	3	2	0	5	17	18	19
23	15	30	36	33	27	27	20	12	11	20	6	3	3	4	4	0	0	0	0	0	0	0	0	0	10
24	0	0	0	2	0	0	0	0	3	18	26	29	32	35	33	30	25	16	9	11	13	15	14	12	13
25	16	15	15	21	22	24	18	22	23	19	22	22	22	22	22	16	13	13	8	13	10	14	17	14	18
26	18	24	26	21	25	26	15	3	2	7	12	12	18	18	16	12	9	****	8	17	17	19	17	16	16
27	25	22	21	24	25	24	19	8	11	20	25	27	28	31	32	32	29	23	20	13	6	2	0	0	19
28	1	1	0	0	0	0	0	0	1	6	10	22	15	17	21	24	11	1	0	0	0	0	0	0	5
MEAN	13	14	15	15	15	14	10	6	9	14	18	21	22	24	23	21	17	12	8	8	7	9	10	10	13.9

PERCENTAGE OF DATA VALID - 94.0 PERCENTAGE OF DATA INVALID - 5.4 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	11	14	19	23	22	14	10	12	17	21	26	28	24	22	13	15	3	3	7	10	3	2	0	13
2	2	18	29	24	24	28	21	6	8	20	19	4	5	1	3	3	3	-	****	0	0	1	0	3	10
3	13	15	14	12	5	4	11	10	13	16	17	21	19	10	21	30	26	21	12	5	7	4	5	2	13
4	3	6	6	13	16	19	23	20	15	18	12	13	15	9	4	6	4	1	1	0	0	0	0	0	9
5	0	1	4	5	0	0	5	4	8	15	25	23	22	25	25	23	19	9	3	1	2	2	5	0	9
6	0	5	5	12	14	10	0	0	0	0	6	13	11	5	6	6	4	3	4	6	7	7	4	6	6
7	-	****	13	6	1	0	0	0	1	11	24	27	27	27	****	28	24	11	6	0	0	0	0	0	10
8	0	0	0	0	0	0	0	0	2	9	16	21	25	31	29	27	19	8	13	4	3	4	2	2	9
9	0	0	0	0	0	0	0	0	0	1	8	14	21	30	****	23	12	5	3	10	12	10	5	4	7
10	7	2	1	1	2	3	1	3	5	7	11	12	13	14	19	25	14	20	20	26	25	26	26	23	13
11	23	24	23	23	23	23	23	22	25	26	28	29	27	27	28	31	29	27	25	21	18	18	15	19	24
12	22	24	27	29	30	29	23	18	21	28	31	29	31	****	30	31	27	25	22	16	9	3	-	0	23
13	0	5	18	21	16	17	6	3	7	15	14	12	13	11	10	9	11	18	29	30	16	19	21	26	14
14	18	17	19	22	32	38	29	20	12	17	21	23	28	30	30	30	27	24	27	25	28	28	27	29	25
15	32	32	32	33	31	32	27	21	19	22	29	30	27	27	****	26	25	23	21	16	10	6	6	2	23
16	0	0	5	17	17	-	12	8	5	13	17	20	27	31	34	34	27	22	4	0	0	0	0	0	13
17	0	0	0	0	0	0	0	0	3	15	17	20	35	41	38	36	34	4	2	5	5	2	0	0	11
18	0	0	0	0	0	0	0	1	4	16	28	30	27	28	37	43	51	45	26	2	10	30	17	25	18
19	24	12	4	4	0	0	0	1	17	24	26	21	19	23	24	19	14	4	1	0	0	0	0	0	10
20	0	0	0	0	0	0	0	0	0	4	6	19	25	23	15	15	3	-	****	0	0	****	0	0	5
21	0	0	0	0	0	0	0	0	0	14	15	16	21	33	22	16	18	11	4	1	1	1	1	0	7
22	1	1	1	1	1	1	1	1	3	4	10	16	29	36	21	19	19	15	4	1	1	1	3	1	8
23	1	1	2	11	29	26	13	8	13	21	25	30	29	40	48	27	18	6	3	35	29	42	34	16	21
24	18	16	19	27	29	28	22	14	26	25	19	11	7	3	4	6	25	26	22	2	1	1	1	1	15
25	9	16	13	10	6	8	9	13	15	17	20	22	22	19	20	16	18	15	8	7	1	2	3	7	12
26	13	16	18	18	18	19	17	14	17	18	22	****	27	27	27	25	24	25	25	27	26	23	25	26	22
27	29	30	34	34	34	35	30	26	29	34	35	37	37	37	37	37	33	30	24	24	26	21	11	4	30
28	3	4	3	1	1	1	2	15	27	32	34	31	28	31	27	28	27	28	21	19	10	8	7	6	16
29	5	3	8	10	10	7	1	1	1	7	8	5	9	11	****	12	6	2	4	1	1	1	2	5	5
30	4	13	23	23	23	20	12	3	-	3	2	0	0	0	3	5	2	3	3	9	2	7	3	11	8
31	1	7	16	11	8	6	2	11	7	14	19	21	26	27	30	25	23	25	24	23	22	28	28	23	18
MEAN	8	9	11	12	13	13	10	8	11	16	19	20	22	23	23	22	19	16	13	10	9	10	8	8	13.8

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	22	24	25	29	30	28	28	27	27	27	27	25	23	26	23	22	15	16	21	24	24	25	26	24
2	26	26	23	23	21	17	12	4	3	2	2	****	****	6	11	12	3	2	1	8	2	11	7	15	11
3	20	20	25	26	28	27	23	18	19	24	30	29	30	32	33	32	29	26	18	6	6	4	2	0	21
4	0	0	0	0	0	0	0	1	6	13	15	20	23	26	25	26	23	23	25	25	26	25	27	19	15
5	3	7	20	21	18	****	11	7	-	-	22	22	24	****	25	24	21	13	10	9	13	16	28	29	17
6	27	23	30	24	22	22	21	12	16	16	15	15	15	15	17	14	14	16	14	17	19	21	23	23	19
7	22	23	25	25	28	28	27	27	28	30	26	27	28	32	27	31	33	31	27	20	16	21	19	16	26
8	6	0	0	0	0	0	5	21	29	25	32	32	32	25	14	20	14	17	22	16	17	17	19	24	16
9	28	31	33	33	29	26	23	19	18	22	****	21	27	28	25	19	14	7	12	3	0	0	0	0	18
10	6	19	22	26	26	26	21	16	19	25	29	32	32	28	28	30	25	24	14	0	0	0	0	0	19
11	0	0	0	0	0	0	0	5	16	24	25	27	30	29	34	25	21	11	7	4	10	12	17	7	13
12	5	3	22	22	16	28	22	19	20	21	****	17	17	19	20	19	14	17	15	13	18	21	24	21	18
13	22	22	26	26	26	27	24	25	24	25	25	24	20	20	18	18	18	16	9	2	7	4	3	10	18
14	11	8	9	15	18	3	11	5	6	15	16	16	21	22	18	19	14	11	7	5	1	2	0	0	11
15	0	4	15	23	24	23	18	18	19	22	25	23	23	25	24	24	23	22	19	18	15	15	15	15	19
16	17	18	17	16	15	12	9	6	6	10	11	16	19	19	18	20	17	****	15	16	****	15	13	12	14
17	15	17	17	15	14	12	8	6	9	15	19	****	24	-	-	26	25	25	19	16	****	17	10	9	16
18	5	1	0	0	0	1	9	16	19	23	27	****	-	-	29	30	26	26	21	17	13	20	19	14	15
19	11	19	19	14	11	6	3	7	17	25	28	29	30	30	30	30	29	25	21	13	15	5	3	8	18
20	9	7	4	3	2	1	0	0	1	4	7	11	15	19	20	13	10	10	4	0	0	0	0	0	6
21	0	0	0	0	0	0	0	3	17	24	25	26	38	39	13	17	24	18	8	4	0	0	1	3	11
22	0	0	0	0	9	16	15	16	18	22	26	27	27	28	27	30	24	16	8	9	2	0	0	0	13
23	0	0	0	0	0	0	0	1	4	9	11	****	18	25	32	32	32	22	12	0	0	0	0	0	9
24	0	0	0	0	0	0	0	1	3	11	19	24	31	29	36	36	40	25	28	20	14	21	9	****	15
25	****	****	****	16	12	****	11	2	1	1	5	6	21	33	38	35	33	27	17	3	8	17	11	21	16
26	7	****	****	****	9	11	4	****	1	10	10	****	15	13	8	3	****	****	****	1	3	5	12	11	8
27	13	4	****	8	7	6	3	1	2	3	5	4	4	3	5	4	2	1	2	3	4	5	5	5	4
28	5	6	10	11	11	12	8	5	3	1	1	2	0	0	****	2	4	1	1	****	****	****	****	****	5
29	****	0	2	8	12	11	10	12	13	15	15	14	13	16	20	20	20	11	5	5	6	5	****	****	11
30	0	****	****	****	****	****	****	0	0	****	****	****	6	18	23	23	24	20	15	16	7	6	4	15	******
MEAN	10	10	13	14	13	13	11	10	13	17	18	20	22	22	23	22	21	17	14	10	9	11	11	11	14.7

PERCENTAGE OF DATA VALID - 93.1 PERCENTAGE OF DATA INVALID - 6.1 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	19	18	19	18	14	9	16	15	17	18	17	17	18	17	16	17	19	19	9	3	1	2	1	14
2	1	1	1	1	1	1	2	3	11	16	13	22	28	28	29	26	9	13	12	9	9	4	17	18	11
3	17	24	27	29	26	17	12	10	11	12	6	8	9	3	2	2	1	1	4	20	23	26	28	25	14
4	24	21	21	19	16	10	8	12	15	16	17	21	23	23	18	14	-	15	15	17	13	11	15	12	16
5	12	17	19	19	16	12	15	19	22	25	25	25	25	27	25	27	28	24	9	10	25	18	13	8	19
6	6	5	9	13	12	12	16	16	18	22	24	26	26	24	21	16	20	21	24	23	23	22	23	26	19
7	25	23	23	23	24	20	17	21	27	29	****	22	37	39	41	42	36	38	33	23	21	27	29	27	28
8	24	24	24	21	11	3	2	3	7	16	22	33	42	45	47	50	47	37	15	6	2	1	12	13	21
9	8	9	5	1	2	1	2	5	11	18	29	39	41	42	40	37	29	27	25	16	7	14	17	4	18
10	1	1	1	1	1	1	1	2	12	18	31	47	62	65	69	39	27	25	9	2	6	1	1	1	18
11	1	3	1	12	27	15	3	3	8	20	37	41	50	53	29	24	16	40	22	32	21	5	1	0	19
12	1	1	1	0	0	4	10	7	12	23	18	24	21	24	18	22	21	16	17	19	21	18	17	15	14
13	16	19	18	19	18	17	17	17	18	20	22	24	27	23	23	26	27	18	18	3	0	0	0	0	16
14	0	0	0	0	0	0	1	3	9	13	****	23	30	33	37	36	23	17	8	6	0	0	0	0	10
15	6	12	3	2	1	0	0	1	2	11	10	8	13	8	13	16	19	18	3	0	7	7	6	17	8
16	22	16	16	18	19	13	7	8	11	18	22	24	24	23	23	23	22	22	19	11	0	0	0	0	15
17	-	0	0	****	0	0	0	1	4	12	16	21	27	30	32	35	28	41	14	1	0	1	0	0	12
18	0	0	0	0	0	0	0	3	6	4	11	27	33	42	51	47	29	12	21	20	5	0	0	0	13
19	0	0	0	0	0	0	3	6	6	9	9	16	26	32	29	19	14	15	16	4	8	1	0	0	9
20	0	0	1	3	0	1	6	18	22	24	24	21	26	29	33	34	34	29	31	20	4	0	0	0	15
21	****	11	4	0	0	3	23	27	31	30	25	22	24	20	22	22	22	16	11	15	14	13	16	13	17
22	11	7	4	4	6	1	2	5	****	****	14	22	23	24	26	25	29	28	21	8	4	1	3	****	13
23	20	22	12	8	8	7	3	3	12	15	21	20	20	21	23	28	27	28	21	12	22	15	8	1	16
24	0	5	6	5	4	4	2	5	8	11	19	21	23	21	19	18	14	12	9	9	2	0	1	16	10
25	23	26	26	26	-	****	3	2	****	5	3	7	6	8	9	9	9	7	6	6	10	10	3	3	10
26	6	8	8	12	10	5	3	4	2	4	7	4	9	16	26	21	17	9	11	7	7	6	5	0	9
27	1	4	1	3	6	7	8	10	13	15	18	19	20	22	26	25	20	21	15	6	1	0	1	9	11
28	13	5	1	0	0	0	0	2	8	12	****	19	22	24	15	16	18	18	7	3	0	0	0	0	8
29	0	0	0	0	0	0	0	0	2	3	7	9	8	11	10	14	18	17	10	9	2	0	0	0	5
30	0	0	0	0	0	0	1	2	6	8	9	17	22	29	41	45	50	57	59	48	16	1	0	0	17
31	0	0	0	0	0	0	0	2	****	24	32	40	48	40	35	23	18	31	19	10	2	0	0	0	14
MEAN	9	9	8	9	8	6	6	8	12	16	18	22	26	27	27	26	23	22	17	12	9	7	7	7	14.2

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 5C CTR 770 DON MILLS RD. NORTH YORK MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	12	21	26	32	35	****	-	-	30	30	25	8	4	1	0	0	0	0	11
2	0	0	0	0	12	24	21	18	18	20	23	26	26	27	27	31	25	20	24	12	2	0	0	1	15
3	11	1	7	17	14	8	11	13	17	22	29	34	41	44	43	41	45	46	39	29	14	1	0	0	22
4	0	0	0	0	0	1	3	8	14	****	****	34	42	38	43	48	39	34	26	11	2	19	22	14	18
5	16	31	20	19	11	7	3	10	13	8	14	-	18	21	23	21	20	19	16	11	6	5	4	2	14
6	3	3	2	6	4	1	4	7	11	14	****	****	12	14	16	13	14	9	8	9	3	7	8	3	8
7	7	17	12	8	7	1	0	1	5	11	31	42	49	****	****	33	12	36	23	21	7	****	****	****	17
8	4	5	1	****	4	1	****	0	1	7	17	18	22	28	34	35	29	28	20	6	7	4	1	1	12
9	9	4	1	0	0	1	1	6	16	25	29	38	46	54	54	52	54	27	22	37	28	31	25	21	24
10	11	8	5	15	19	21	19	19	18	15	22	37	46	51	50	50	46	44	37	33	17	15	17	17	26
11	19	19	19	17	18	15	8	12	15	17	****	18	17	17	18	17	18	-	-	10	1	0	0	0	13
12	0	0	1	4	3	2	3	9	15	19	21	22	21	23	22	20	18	16	****	16	7	9	2	3	11
13	9	4	5	9	10	9	3	7	17	24	27	27	28	27	27	29	29	27	22	13	2	0	0	1	15
14	1	1	1	1	****	0	****	****	15	18	27	36	43	44	43	39	38	38	33	35	41	16	6	7	23
15	24	16	14	16	15	12	3	11	16	26	****	****	52	51	54	53	58	60	58	51	41	40	39	46	34
16	41	40	37	33	27	28	29	33	35	39	47	54	57	63	64	65	64	65	58	48	48	40	15	6	43
17	1	1	1	1	1	2	17	35	38	39	53	54	57	56	57	58	56	58	51	57	40	39	35	32	35
18	24	18	18	19	18	13	10	11	15	****	****	18	31	31	30	18	18	15	10	4	1	0	0	1	15
19	0	1	1	0	0	1	1	6	20	27	17	24	25	25	24	25	25	28	26	19	10	1	1	0	13
20	0	0	1	0	0	1	1	9	16	19	18	20	22	29	25	26	29	37	38	25	9	16	1	2	15
21	22	33	36	37	36	20	4	2	6	13	18	22	23	26	26	27	28	30	22	8	2	0	10	23	20
22	16	18	11	19	20	8	5	4	6	5	18	21	20	13	9	10	-	10	9	9	11	14	12	12	12
23	13	13	14	14	12	8	7	7	7	8	8	9	9	10	11	10	9	8	8	7	7	6	4	3	9
24	6	10	****	13	13	14	15	****	17	18	20	24	26	27	27	27	26	21	18	14	7	1	0	0	16
25	1	3	4	3	2	2	1	3	9	20	****	24	23	24	21	23	-	24	27	9	1	0	0	0	10
26	0	0	0	0	0	0	0	1	11	14	26	27	36	34	****	37	34	35	33	13	0	0	0	9	13
27	23	20	11	19	20	18	14	12	6	4	21	28	30	18	22	21	34	28	19	28	36	18	10	3	19
28	1	7	16	12	9	2	2	4	8	21	28	17	****	37	36	43	39	44	30	18	11	11	5	0	17
29	1	0	0	0	13	6	4	4	8	22	32	45	53	39	30	9	21	26	27	16	12	8	6	-	17
30	18	21	27	29	24	21	21	21	25	28	26	15	19	24	31	-	32	24	29	19	18	22	27	25	24
MEAN	9	10	9	11	11	8	8	11	15	19	25	28	32	32	32	31	32	30	26	20	13	11	9	8	18.1

PERCENTAGE OF DATA VALID - 95.1 PERCENTAGE OF DATA INVALID - 3.6 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	24	27	29	29	23	19	26	28	24	21	16	21	24	28	37	39	34	28	18	11	9	7	3	23
2	2	0	0	0	0	0	17	31	27	15	10	10	11	10	13	16	19	19	14	8	1	0	5	8	10
3	12	14	13	12	7	3	3	7	10	14	****	12	0	16	20	19	19	21	21	15	4	1	1	1	11
4	1	1	1	1	1	1	1	1	6	13	18	18	21	23	23	21	22	26	21	18	18	14	8	10	12
5	10	9	15	16	16	11	7	10	16	17	17	****	****	22	22	21	21	24	20	14	5	1	3	3	14
6	2	1	1	2	2	1	0	2	9	20	24	26	26	22	22	21	22	22	19	12	5	1	0	0	11
7	0	0	1	1	1	1	1	2	9	17	18	20	29	34	32	35	32	34	33	24	13	8	1	1	14
8	1	1	1	1	1	1	1	9	18	20	28	27	35	39	41	47	50	53	42	22	6	1	1	1	19
9	1	1	1	1	1	1	1	7	25	28	26	53	****	52	51	48	43	36	30	17	4	1	0	1	19
10	39	36	19	20	27	19	9	15	14	10	10	-	13	23	31	36	43	30	10	4	12	10	0	0	19
11	2	9	5	4	2	0	1	4	13	24	34	48	66	99	84	57	37	15	9	5	12	3	0	0	22
12	0	0	0	0	0	0	0	2	15	****	32	36	35	64	67	65	54	45	34	37	25	7	1	0	23
13	0	0	0	0	0	0	0	4	17	26	43	53	50	44	42	45	40	34	28	21	6	0	0	0	19
14	0	0	0	0	0	0	0	15	27	28	36	50	61	66	81	72	57	60	61	44	30	29	16	6	31
15	2	2	0	0	0	17	35	42	44	51	46	60	59	38	38	47	32	21	22	9	0	0	0	0	24
16	0	0	0	0	0	0	0	2	17	25	****	59	85	62	21	15	18	20	20	14	7	6	5	6	17
17	9	10	9	11	10	4	2	-	6	12	17	26	27	27	31	30	22	17	12	8	8	5	4	5	14
18	9	10	7	9	5	3	2	2	6	14	21	34	45	42	42	47	52	53	39	22	5	1	1	1	20
19	1	1	1	1	1	1	1	1	7	16	20	26	27	33	40	43	44	42	38	28	12	6	2	1	16
20	1	1	1	1	1	1	1	3	15	20	30	34	58	47	46	38	39	40	36	16	8	1	1	1	18
21	****	1	1	1	1	1	1	5	26	39	50	55	60	67	76	80	68	69	58	40	23	5	1	1	32
22	1	1	1	1	1	1	-	5	36	44	53	59	56	56	47	53	57	56	54	41	44	36	8	2	31
23	****	1	2	1	1	2	2	2	8	29	50	55	60	61	65	58	59	50	45	40	32	46	45	36	33
24	20	13	19	15	8	3	8	12	13	10	25	38	41	****	44	41	40	27	20	23	23	30	24	17	22
25	15	13	21	21	13	5	5	6	5	9	15	18	28	32	27	30	31	27	20	13	9	15	6	1	16
26	6	9	10	6	9	9	5	3	6	11	4	9	10	8	8	8	10	11	12	15	14	11	9	11	9
27	13	12	11	13	10	4	2	2	3	13	16	20	24	-	33	41	42	37	28	30	17	2	1	1	16
28	1	1	1	1	1	1	1	6	11	16	16	18	28	29	35	35	30	27	29	18	11	7	5	2	14
29	2	3	1	1	1	1	2	5	13	18	22	27	36	31	34	38	41	35	31	15	6	1	1	1	15
30	1	1	1	1	1	1	0	1	11	20	31	44	39	27	17	38	35	40	43	48	37	30	25	34	22
31	32	32	34	27	16	2	4	3	6	15	23	25	29	28	35	32	21	13	5	1	6	3	1	1	16
MEAN	7	7	7	6	5	4	4	8	15	21	26	34	37	39	39	39	37	33	28	21	13	9	6	5	18.7

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	4	18	21	23	14	2	3	6	11	****	16	19	21	19	18	13	14	13	15	13	9	12	19	13
2	25	25	24	25	20	15	12	11	15	15	17	15	21	20	15	14	17	18	18	15	9	4	0	D	15
3	0	0	0	D	0	0	0	4	11	22	32	33	37	48	45	45	40	43	36	23	16	1	D	D	18
4	D	0	0	0	D	D	1	7	19	28	44	52	55	53	5D	51	55	44	41	19	0	0	0	D	22
5	0	D	8	6	8	4	4	14	23	27	29	30	3D	3D	29	28	27	26	24	22	6	0	0	12	16
6	22	23	25	26	21	13	8	7	9	1D	13	15	17	18	18	19	19	18	17	1D	0	0	0	D	14
7	0	D	0	0	D	0	0	3	6	5	5	5	****	****	23	22	34	39	40	34	27	21	15	11	13
8	11	8	5	2	3	2	D	D	D	6	8	11	15	19	21	18	18	14	13	10	3	3	D	0	8
9	0	0	0	0	D	D	C	4	8	8	1D	12	9	****	10	8	11	8	3	2	2	10	4	6	5
10	6	9	4	5	6	8	4	2	1	5	11	19	****	22	18	17	19	21	19	18	8	2	4	5	1D
11	11	13	13	13	13	7	3	5	8	10	14	16	16	19	20	20	18	17	12	1D	6	7	6	6	12
12	6	2	1	1	2	2	1	7	12	15	17	18	17	22	24	24	24	24	22	13	2	0	0	0	11
13	0	0	0	D	D	D	0	D	2	12	15	23	30	32	27	25	26	22	22	30	25	24	26	28	15
14	26	24	19	22	19	11	2	4	1D	14	9	1D	1D	10	9	1D	11	11	-	1D	9	8	8	9	12
15	9	9	10	10	9	8	5	6	9	55	21	1D	11	12	11	9	1D	11	9	6	3	0	0	D	10
16	0	0	0	0	D	0	0	0	6	11	****	19	19	19	22	22	31	35	15	3	D	D	D	0	9
17	0	D	0	D	D	D	D	0	1	3	5	6	15	18	14	14	7	3	0	D	3	4	1	14	5
18	10	1	10	15	17	17	15	13	10	6	5	3	3	2	4	2	0	0	D	0	0	0	0	D	6
19	0	0	D	D	D	2	6	14	19	21	23	24	26	24	28	32	28	20	25	21	2	0	0	0	13
20	0	0	0	0	0	D	0	0	1	7	13	17	17	****	13	13	15	11	5	1	1	0	1	1	5
21	1	1	1	1	1	0	0	D	5	11	20	26	****	****	52	55	32	23	13	1	0	1	1	1	11
22	1	1	1	1	3	3	4	10	19	23	17	26	42	46	43	42	39	30	29	2D	19	16	9	11	19
23	14	5	2	2	1	2	5	4	5	9	9	9	18	15	20	26	33	34	17	6	3	4	1	2	1D
24	7	11	12	18	16	12	5	9	12	20	31	39	39	47	39	49	52	40	38	32	30	34	17	29	27
25	30	26	33	32	31	22	2D	23	26	32	35	4D	41	35	39	46	48	46	40	18	9	8	3	1	29
26	1	1	1	1	1	1	1	5	17	26	30	36	39	36	29	27	33	28	24	24	18	8	5	3	16
27	15	2D	20	24	26	15	9	1D	12	29	33	41	****	****	64	66	51	49	44	24	12	6	4	1	26
28	0	D	0	0	0	0	0	2	22	18	23	28	27	38	36	44	41	36	30	18	6	22	33	31	19
29	23	29	20	23	27	19	5	14	17	21	20	16	22	23	31	37	35	43	45	36	25	13	4	5	23
30	0	D	0	0	0	D	1	10	25	****	36	47	57	45	43	41	36	30	18	4	7	2	D	D	17
31	0	D	0	0	D	0	D	2	12	14	25	29	32	35	36	29	29	23	4	8	3	4	D	D	12
MEAN	7	7	7	8	8	6	4	6	11	16	20	22	25	27	27	28	27	25	21	15	9	7	5	6	14.2

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C ND 34002 SC CTR 77D DON MILLS RD. NORTH YORK MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	D	0	0	0	D	0	D	9	30	42	54	68	89	97	90	77	65	49	51	48	20	46	51	37
2	51	5D	44	35	27	29	30	3D	29	30	34	3D	30	3D	32	3D	33	35	32	31	26	25	19	13	31
3	16	6	7	3	2	6	14	2D	28	26	30	31	32	31	28	26	26	2D	9	8	7	8	6	9	17
4	10	14	13	11	1D	1	0	1	5	****	****	20	23	28	33	37	41	34	18	3	D	D	0	D	14
5	0	0	0	D	0	D	D	5	16	25	36	37	33	44	44	41	36	29	43	44	35	28	14	4	21
6	3	2	1	1	7	2	0	0	1	6	34	61	68	68	63	52	47	45	40	37	29	26	23	24	27
7	19	19	13	12	13	9	1	3	13	16	14	10	8	1D	13	14	1D	7	5	11	11	12	1D	11	11
8	12	12	16	18	17	1D	6	10	15	20	23	24	26	26	25	27	28	26	12	D	D	D	D	D	15
9	0	D	D	0	D	D	D	1	6	20	29	33	36	42	44	42	39	38	31	32	27	16	1D	2	19
1D	1	1	0	D	0	1	1	11	21	27	37	22	20	****	23	17	7	13	13	6	1	1	0	0	1D
11	1	2	1	D	D	D	D	1	8	14	16	21	25	29	33	-	31	14	1	D	D	D	0	D	9
12	0	1	0	4	11	2	1	11	17	23	22	23	28	31	37	37	35	3D	28	21	23	26	27	3D	2D
13	15	5	2	1	1	0	1	18	42	50	59	65	68	****	64	64	66	39	28	22	32	36	32	35	32
14	42	46	43	41	37	27	13	6	6	5	6	12	19	2D	21	21	21	16	13	8	D	1	0	1	18
15	1	2	1	1	2	1	2	6	19	25	26	29	29	30	32	3D	29	2D	12	12	8	1	D	3	13
16	0	2	3	4	2	1	0	1	11	2D	26	31	34	47	46	45	35	31	23	1D	5	14	13	2D	18
17	18	19	18	5	6	5	2	5	8	17	28	40	43	52	55	5D	43	38	38	23	32	28	25	27	26
18	45	52	38	24	21	21	6	13	14	31	****	53	54	64	71	66	60	5D	38	****	14	12	8	8	35
19	13	19	22	24	22	15	3	16	22	26	27	28	29	29	28	28	23	****	2	1	0	D	0	0	16
20	0	0	0	0	D	D	0	1	1	9	****	****	33	39	41	34	27	22	21	9	21	18	10	2	13
21	D	D	0	0	1	1	0	1	5	9	22	25	28	24	17	15	12	14	5	1	****	2	2	1	8
22	2	1	1	1	1	D	0	3	9	16	18	22	25	26	29	29	27	18	8	6	3	3	2	3	11
23	1	1	1	1	2	1	1	5	15	2D	23	22	24	23	24	26	27	21	5	1	4	2	1	1	11
24	2	1	4	7	7	6	1	D	6	2D	25	32	****	****	39	42	26	17	5	4	D	D	D	0	11
25	D	D	0	0	0	D	D	D	2	5	9	14	3D	33	36	3D	23	27	8	5	2	D	D	D	9
26	D	10	23	26	19	7	0	1	7	18	26	31	35	29	3D	29	2D	4	3	D	D	D	D	0	13
27	0	D	D	D	D	D	D	D	D	1D	17	21	****	****	43	56	4D	28	3	D	0	0	0	0	1D
28	0	D	D	0	0	D	D	D	3	9	13	19	19	13	8	16	22	19	1	D	5	1	1	0	6
29	0	D	D	0	0	0	1	5	5	13	21	25	42	36	47	51	42	25	16	6	5	5	-	0	15
30	0	D	2	6	12	9	4	5	9	15	28	26	29	33	51	42	42	31	12	D	D	14	19	15	17
MEAN	8	9	8	8	7	5	3	6	12	19	26	3D	34	36	38	37	33	27	17	12	12	10	9	9	17.1

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	4	18	15	10	2	0	0	4	4	3	14	19	25	30	23	20	12	3	1	1	1	1	1	9
2	1	1	7	10	7	3	1	0	1	7	15	23	18	16	19	18	21	19	20	13	21	20	16	17	12
3	23	25	25	23	17	9	6	6	9	6	2	2	2	2	4	1	5	4	9	16	11	3	1	6	9
4	24	26	26	25	20	6	1	1	3	7	****	2	1	1	1	2	2	0	0	0	0	0	0	0	6
5	1	0	1	1	8	5	1	1	2	3	6	6	9	7	9	5	2	3	1	1	5	7	4	9	4
6	15	15	20	17	10	7	6	8	10	12	13	13	13	22	17	12	28	16	16	14	15	20	17	11	14
7	8	4	8	9	18	20	16	15	18	19	17	18	17	16	14	17	17	15	15	13	15	15	12	11	14
8	13	-	10	7	4	1	1	6	18	23	25	26	21	16	21	13	6	2	1	1	5	5	10	14	11
9	15	19	19	15	9	12	6	8	12	14	-	****	20	22	19	18	13	5	1	1	1	-	0	1	11
10	1	4	-	4	6	****	0	0	2	9	17	23	25	21	23	17	16	8	2	2	1	1	1	0	8
11	0	0	0	0	0	0	0	0	1	4	10	18	21	****	****	16	9	11	4	1	1	13	16	17	6
12	18	25	27	25	19	12	3	2	2	4	10	14	18	15	17	7	2	1	1	4	10	3	5	8	11
13	10	13	14	12	9	6	5	7	10	10	10	15	19	21	23	19	14	8	7	7	8	12	10	1	11
14	1	1	1	2	5	4	2	8	14	17	19	23	19	23	25	24	19	10	8	7	3	1	2	7	10
15	7	6	7	9	6	4	2	-	2	****	****	3	6	16	26	21	13	4	2	1	0	0	0	2	7
16	9	13	12	13	12	4	0	1	8	14	18	-	21	22	22	21	17	11	4	3	0	0	0	0	10
17	0	0	0	0	0	0	0	-	-	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0
18	0	0	7	13	5	0	0	0	4	6	7	9	****	15	12	7	4	2	0	0	0	0	0	0	4
19	5	6	11	13	20	7	2	5	4	5	6	8	11	13	7	-	-	2	5	16	28	13	12	16	10
20	8	1	1	14	7	2	1	7	7	10	19	27	30	33	24	21	17	15	13	4	4	14	17	15	13
21	15	16	14	11	11	12	10	7	13	17	22	21	20	20	20	28	23	22	15	13	3	1	1	1	14
22	5	13	10	6	5	1	0	0	1	6	12	18	****	****	24	20	8	5	10	0	1	0	0	1	7
23	8	22	30	22	11	4	6	2	3	4	2	2	2	4	3	2	1	1	3	1	0	0	1	0	6
24	2	3	5	10	10	10	4	2	3	4	3	3	4	5	8	8	7	11	15	17	16	-	15	12	8
25	16	20	19	15	12	12	1	3	11	19	22	24	24	22	19	15	11	11	10	14	9	12	17	18	15
26	17	18	17	18	16	16	5	3	9	****	10	12	17	*	16	16	14	14	17	16	13	16	15	13	14
27	11	15	20	21	18	11	7	3	8	10	15	15	19	17	12	12	12	11	7	9	14	14	12	13	13
28	9	9	11	11	9	8	6	2	1	4	5	8	11	11	9	9	5	3	2	4	1	3	11	12	7
29	11	13	15	16	19	18	11	3	3	3	6	8	10	9	10	12	6	2	0	0	4	2	0	1	8
30	1	7	11	15	15	3	2	7	9	8	12	13	16	19	17	17	12	2	4	3	8	8	5	6	9
31	9	13	13	12	14	12	4	1	7	11	13	15	18	21	20	18	7	14	13	13	13	2	1	2	11
MEAN	9	10	13	12	11	7	4	4	7	9	11	13	15	16	16	14	11	8	7	6	7	6	7	7	9.5

PERCENTAGE OF OATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "*****" INDICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	8	14	20	18	12	2	1	5	10	11	13	18	10	4	2	2	1	0	1	8	15	10	6	8
2	7	10	9	6	4	6	4	2	3	8	****	18	15	13	10	8	3	1	0	0	0	1	2	1	6
3	0	0	0	0	0	0	0	0	1	8	15	13	13	14	15	12	16	12	8	3	1	1	1	-	6
4	0	1	0	3	6	4	6	4	7	15	23	23	19	15	17	16	11	2	0	0	0	0	0	0	7
5	0	0	0	0	0	0	0	0	0	7	12	****	20	18	16	11	2	2	1	3	1	1	1	1	4
6	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	0	0	1	1	1	1	1	1	1
7	1	5	8	10	13	15	15	7	5	13	20	20	21	19	13	10	6	5	9	11	10	12	13	6	11
8	1	1	1	4	9	-	****	8	10	9	6	4	3	2	****	3	1	1	0	0	0	0	0	0	3
9	0	0	0	0	1	0	0	0	0	1	1	2	4	4	2	2	2	1	1	-	2	1	0	0	1
10	0	0	0	2	3	2	3	2	6	13	19	23	24	23	20	14	11	8	5	6	2	5	7	6	9
11	10	9	-	5	3	5	9	2	2	7	11	10	-	7	12	11	15	7	9	3	1	0	1	0	6
12	0	7	15	-	16	15	5	1	4	10	15	19	20	19	17	16	6	2	1	1	1	1	1	1	8
13	1	1	1	1	3	4	2	1	1	1	1	****	7	9	11	13	4	0	0	0	0	0	0	0	3
14	1	2	2	1	3	1	0	0	1	2	12	16	18	21	13	6	2	0	0	0	2	0	0	0	4
15	0	1	0	0	0	0	0	0	1	1	2	4	4	2	2	2	0	0	0	0	0	4	10	17	2
16	24	24	24	24	24	23	13	2	7	12	17	17	19	18	17	10	6	2	0	0	0	0	0	0	12
17	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	1	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	5	5	10	4	0	0	0	0	0	0	1	0	1
19	0	0	0	0	0	0	1	1	1	1	3	3	7	6	4	1	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	1	6	14	18	18	15	11	2	3	7	8	7	14	18	18	7
21	19	20	19	20	18	16	5	0	3	9	7	8	12	11	10	8	7	-	13	14	13	8	6	4	11
22	5	3	1	0	0	0	0	0	0	0	0	0	1	6	-	1	2	4	3	S	5	6	8	3	2
23	3	5	9	20	7	7	2	3	5	3	4	1	5	8	8	1	0	0	3	4	3	2	2	0	4
24	0	0	0	5	10	11	7	5	10	10	8	12	15	17	16	13	8	0	0	0	0	****	0	0	6
25	0	0	0	0	0	0	0	0	0	1	2	4	4	8	11	8	9	11	6	6	11	10	10	9	5
26	8	6	6	9	5	7	6	2	8	14	11	****	****	16	12	15	18	20	22	21	21	20	20	22	13
27	21	20	17	18	21	19	12	4	3	4	9	15	18	18	15	14	5	1	0	0	0	0	0	0	10
28	0	0	1	4	7	10	2	8	7	12	20	17	18	19	15	12	7	5	7	7	6	5	7	3	8
29	6	3	4	8	8	6	3	1	1	3	9	9	11	12	10	10	-	****	1	1	2	3	3	3	5
30	2	5	4	6	9	11	10	6	7	11	13	13	16	17	14	14	9	5	3	1	2	1	2	1	8
MEAN	4	4	5	6	6	6	4	2	3	6	9	10	12	12	11	8	S	3	3	3	3	4	4	4	5.8

PERCENTAGE OF DATA VALID - 97.5 PERCENTAGE OF OATA INVALID - 1.3 PERCENTAGE OF OATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 OON MILLS RO. NORTH YORK MONTH - OEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	2	5	1	2	2	5	10	8	5	6	5	4	2	****	2	1	1	2	2	5	7	9	4
2	8	10	14	16	14	14	14	16	17	17	23	26	27	25	23	17	10	4	0	0	0	0	0	0	12
3	0	3	5	4	3	5	6	2	5	10	15	20	19	15	****	20	****	12	3	0	5	9	9	6	8
4	4	3	3	2	1	1	0	0	1	2	6	10	19	16	13	6	2	1	2	4	5	0	2	0	4
5	0	0	0	0	5	2	1	0	1	6	11	13	12	11	23	25	23	20	23	25	27	17	33	25	13
6	22	25	22	24	18	11	3	0	0	0	3	4	0	1	0	1	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	3	7	11	14	11	4	2	0	0	0	3	2	0	2	1	3
8	1	7	16	18	21	23	24	22	21	22	22	22	22	23	22	22	14	7	****	7	13	10	11	8	16
9	4	2	7	9	14	14	14	8	7	6	9	9	13	9	8	3	3	2	1	0	0	0	9	8	7
10	11	14	9	9	3	1	0	0	0	1	6	7	8	5	3	4	1	1	1	0	0	0	0	1	4
11	4	7	6	2	7	13	9	3	3	7	9	13	13	13	8	13	7	5	3	1	3	4	12	12	7
12	8	16	19	23	20	18	10	5	6	7	9	12	16	16	15	12	10	10	13	17	18	16	15	15	14
13	14	16	18	17	17	14	8	2	2	3	6	8	6	4	****	****	0	0	0	0	0	0	1	13	7
14	12	12	7	7	4	0	0	0	0	5	11	15	16	****	13	10	7	3	1	0	1	9	10	4	6
15	2	2	0	0	0	0	0	0	5	8	10	10	14	16	17	12	6	3	0	0	0	0	0	0	4
16	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	11	14	13	17	19	19	20	19	20	6
17	25	24	26	24	24	21	12	0	0	2	6	5	16	18	****	12	9	3	5	6	8	9	9	10	12
18	12	14	15	15	14	16	6	4	10	14	14	14	12	11	5	1	0	0	0	0	0	0	0	12	8
19	18	14	19	17	10	7	10	8	9	10	10	9	10	9	9	5	2	1	0	1	2	2	1	0	8
20	1	1	3	5	4	2	0	0	0	1	2	2	3	4	5	3	0	0	0	0	0	0	0	0	2
21	0	0	0	0	0	0	0	0	0	0	4	13	16	15	****	7	2	0	0	0	0	0	0	0	2
22	0	0	0	1	3	3	1	3	1	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	1	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	1	2	2	2	2	3	2	2	2	1	1	1	1	0	0	0	1
25	0	0	0	0	2	4	4	5	7	10	9	11	11	11	13	12	14	12	17	17	16	16	15	16	9
26	18	18	22	23	22	22	23	22	21	21	20	20	18	18	14	15	12	13	13	13	16	13	8	7	17
27	11	12	17	20	22	20	20	13	12	15	18	20	21	18	21	17	9	10	11	14	13	10	15	18	16
28	20	20	22	22	24	21	17	9	7	5	15	19	20	19	17	12	4	1	1	1	0	0	0	0	12
29	0	0	0	0	0	0	1	3	3	8	16	16	17	17	18	13	5	1	4	4	6	5	5	1	6
30	2	7	6	3	5	7	9	5	2	8	17	18	21	20	20	17	6	0	0	0	0	1	1	0	7
31	0	0	0	0	0	0	0	0	0	1	5	6	11	11	13	7	1	0	0	0	0	0	0	-	2
MEAN	6	7	8	9	8	8	6	4	5	7	9	11	12	12	11	10	6	4	4	4	5	5	6	6	7.2

PERCENTAGE OF OATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY ANO 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 OON MILLS RD. NORTH YORK

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM REAOING
JAN	31	10.0	22	29
FEB	26	13.9	22	43
MAR	31	13.8	30	51
APR	29	14.7	26	40
MAY	31	14.2	28	69
JUN	30	18.1	43	65
JUL	31	18.7	33	99
AUG	31	14.2	29	66
SEP	30	17.1	37	97
OCT	31	9.5	15	33
NOV	30	5.8	13	24
DEC	31	7.2	17	33
YEAR	362	13.1	43	99

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	398	320	0	0	0	0	0	0	718
FEB	252	352	28	0	0	0	0	0	632
MAR	331	349	47	1	0	0	0	0	728
APR	243	398	29	0	0	0	0	0	670
MAY	324	347	52	7	0	0	0	0	730
JUN	256	300	97	32	0	0	0	0	685
JUL	323	234	123	47	4	0	0	0	731
AUG	357	279	82	13	0	0	0	0	731
SEP	324	243	104	30	3	0	0	0	704
OCT	409	309	1	0	0	0	0	0	719
NOV	545	157	0	0	0	0	0	0	702
DEC	503	230	1	0	0	0	0	0	734
YEAR	4265	3518	564	130	7	0	0	0	8484

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
96.8	0	0.0	2.6	9.9	17.9	28.4	36.2	47.0	54.7	99	13.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	12	12	3	0	0	0	1	3	4	4	3	4	1	1	3	6	10	13	12	9	7	14	5
2	14	14	18	19	18	19	15	9	8	12	15	17	18	****	20	16	8	8	11	19	-	-	-	18	15
3	18	20	20	16	9	9	11	6	6	11	14	17	18	18	17	15	14	11	11	14	16	16	14	14	14
4	14	16	17	17	17	17	16	13	10	16	17	17	21	22	20	18	16	12	12	15	16	22	22	20	17
5	20	21	23	24	23	22	19	12	10	18	20	20	22	23	21	19	11	6	0	0	0	0	****	1	15
6	1	1	1	0	0	0	0	0	4	8	13	18	22	21	22	21	17	14	16	19	19	18	17	15	11
7	11	9	8	5	1	0	2	1	3	4	6	8	7	6	4	3	3	2	2	1	3	2	2	5	4
8	8	3	3	2	3	2	0	1	2	6	15	23	25	****	25	22	14	4	3	8	9	7	8	8	9
9	11	17	13	10	11	15	15	14	13	16	17	19	18	16	****	45	6	3	4	3	1	0	0	0	12
10	0	0	1	1	3	6	4	0	3	9	17	20	17	****	22	18	9	2	1	0	0	2	****	3	6
11	2	1	0	0	0	0	0	0	0	3	8	16	20	23	24	9	0	0	0	-	-	0	0	0	5
12	0	0	0	0	0	0	0	0	0	0	0	7	18	****	19	9	5	3	-	-	9	6	4	9	4
13	4	9	26	33	3	3	0	43	22	26	30	24	28	20	21	10	9	0	0	0	0	0	1	0	13
14	2	2	2	0	1	0	1	0	5	16	19	21	22	22	26	25	20	18	14	16	20	20	19	21	13
15	23	25	26	25	24	23	21	18	18	20	17	19	21	****	20	16	12	6	13	14	16	16	17	17	19
16	16	15	14	13	13	9	5	0	3	7	12	18	20	23	22	18	7	0	0	1	0	0	0	0	9
17	0	0	0	0	0	1	3	2	3	7	9	6	5	5	4	4	1	0	0	10	17	18	17	18	5
18	19	18	15	16	13	13	13	6	8	17	-	-	23	24	22	19	11	4	2	2	3	2	3	0	12
19	0	0	1	4	1	0	0	0	1	1	2	2	-	4	3	9	5	3	0	0	0	0	0	0	2
20	0	0	0	0	1	3	2	0	1	3	3	3	3	2	0	0	0	0	0	0	0	1	3	3	1
21	12	7	5	6	7	2	3	3	6	9	13	15	15	16	17	18	14	12	12	12	15	13	14	13	11
22	10	12	13	15	15	-	8	4	7	10	14	16	17	****	19	17	14	****	14	16	17	11	7	10	13
23	16	19	17	20	25	18	15	15	14	17	16	16	24	22	15	13	8	5	4	4	5	4	2	2	13
24	4	7	12	11	12	8	2	1	3	-	8	8	7	6	9	8	6	6	10	10	10	12	10	13	8
25	14	13	9	11	17	17	12	6	6	9	14	12	15	****	18	15	12	10	13	13	11	10	7	14	12
26	18	19	19	19	19	17	11	7	7	13	16	16	17	18	16	14	11	11	11	9	10	10	9	10	14
27	11	15	17	19	19	15	12	6	6	10	13	11	11	9	9	2	1	1	1	0	1	1	2	2	8
28	1	1	3	10	12	14	15	13	14	15	17	19	17	17	17	16	15	15	16	17	17	18	19	20	14
29	21	22	21	21	19	21	15	10	10	14	18	18	19	****	18	17	11	13	13	15	19	15	15	17	17
30	20	20	19	21	22	19	17	3	5	18	19	20	22	20	20	18	****	****	****	****	****	****	****	****	18
31													- DATA INVALID -												
MEAN	10	10	11	12	10	9	8	6	7	11	13	15	17	16	16	15	9	6	7	9	9	8	8	9	10.5

PERCENTAGE OF DATA VALID - 92.5 PERCENTAGE OF DATA INVALID - 5.9 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	34	28	27	17	21	20	21	26	28	******
9	32	34	34	35	32	32	28	22	23	26	29	31	36	36	36	31	28	16	14	13	13	13	13	13	26
10	16	20	22	18	15	15	14	14	14	19	18	23	31	36	36	36	36	34	25	24	27	25	22	21	23
11	18	20	19	17	18	19	16	17	23	29	29	32	32	31	30	29	29	26	17	15	13	13	14	14	22
12	13	13	14	14	14	14	14	14	14	13	13	15	19	****	****	10	5	0	0	6	10	2	7	9	11
13	8	8	8	11	14	10	12	3	5	7	9	13	22	22	23	23	19	11	2	2	3	8	2	0	10
14	0	4	9	3	0	0	0	0	0	0	0	1	8	8	5	5	1	5	2	0	1	1	1	2	2
15	4	4	9	10	11	11	4	0	0	2	5	9	15	15	15	14	10	13	10	11	6	3	6	8	8
16	12	14	16	17	17	15	8	4	5	10	14	17	22	22	22	22	16	14	11	13	13	15	16	16	15
17	17	17	17	17	17	16	10	3	11	14	15	17	22	22	22	22	19	14	2	5	2	6	3	0	13
18	0	0	0	0	0	0	0	0	0	0	13	17	21	21	16	15	15	15	9	9	10	12	12	12	8
19	12	13	10	0	0	0	0	0	0	3	5	8	12	****	****	23	23	8	0	0	2	10	14	13	7
20	15	14	11	16	18	15	17	17	12	16	18	18	22	24	32	31	24	14	9	19	22	14	5	0	17
21	0	0	0	0	0	0	0	0	0	0	0	0	0	8	10	13	10	4	9	16	19	30	34	34	8
22	36	34	30	29	25	25	18	6	9	10	14	18	20	****	18	11	11	2	0	0	0	0	7	13	15
23	1	18	18	19	16	11	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
24	****	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
MEAN	12	13	14	13	12	12	10	7	8	10	12	15	19	20	20	20	17	13	8	10	10	11	11	11	12.7

PERCENTAGE OF DATA VALID - 54.8 PERCENTAGE OF DATA INVALID - 43.0 PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5	0	0	0	0	0	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
6												- DATA INVALID -													
7												- DATA INVALID -													
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	27	27	15	7	6	6	6	5	10	14	******
9	****	****	****	****	****	****	****	****	****	****	****	****	27	32	26	15	7	8	8	5	5	5	5	9	******
10	8	5	14	19	15	17	14	16	16	17	19	20	28	28	32	31	28	29	30	29	28	28	30	28	22
11	28	28	28	28	28	28	28	30	34	35	35	37	34	34	34	34	34	34	30	31	30	31	31	34	32
12	32	32	32	35	36	35	35	35	34	38	43	45	47	47	47	46	43	43	41	38	26	31	26	26	37
13	29	29	29	38	36	34	38	36	38	41	40	41	****	****	35	38	33	43	47	39	38	36	36	38	37
14	41	43	43	45	47	49	45	35	31	34	32	34	35	43	43	40	38	33	38	36	35	40	36	34	39
15	41	41	40	40	40	41	39	32	34	40	39	39	38	38	36	38	39	34	31	31	23	27	26	20	35
16	19	19	30	34	33	32	31	27	30	25	27	31	38	41	****	51	50	39	27	16	15	14	13	10	28
17	13	13	13	14	13	18	15	18	22	27	36	50	50	40	40	33	26	25	19	17	16	15	15	14	23
18	10	13	11	11	13	13	13	14	19	23	28	33	31	40	47	57	47	51	36	23	16	17	20	16	25
19	22	25	18	17	13	13	11	13	19	24	26	26	27	27	26	26	20	15	14	11	11	11	11	10	18
20	11	11	11	11	11	13	13	13	13	16	23	33	31	34	****	27	20	17	16	15	13	11	11	11	17
21	16	18	25	20	17	15	15	16	16	16	18	18	18	22	23	24	18	18	19	17	18	18	19	19	18
22	15	17	17	17	17	19	17	17	15	15	18	19	17	23	10	13	11	11	14	10	10	9	10	10	15
23	9	10	10	10	10	10	10	10	10	10	10	10	9	19	23	13	13	14	13	11	13	15	17	17	12
24	13	10	11	11	15	13	17	15	17	14	10	11	7	7	9	9	9	9	10	13	13	11	8	8	11
25	7	10	13	8	7	8	13	15	11	14	13	14	8	14	18	16	15	11	8	7	7	7	7	8	11
26	7	13	7	7	11	14	15	8	9	8	15	11	18	17	19	23	16	16	15	18	14	14	18	17	14
27	9	16	18	17	15	20	11	10	16	27	25	22	28	****	****	20	18	18	10	8	10	8	9	10	16
28	13	13	8	14	13	8	8	8	7	9	13	9	11	****	****	14	11	8	9	10	9	8	9	9	10
29	14	13	11	11	11	14	14	14	10	14	16	14	6	9	9	14	13	17	18	18	17	16	16	15	14
30	8	5	8	8	10	10	9	8	7	7	8	7	7	0	0	0	0	0	0	2	3	5	3	3	5
31	10	17	10	0	5	5	9	13	11	9	10	16	18	18	17	14	13	15	9	16	17	17	16	16	13
MEAN	16	17	18	18	18	19	19	18	19	21	23	25	24	27	26	26	22	21	20	18	16	17	17	17	20 0

PERCENTAGE OF DATA VALID - 73.7 PERCENTAGE OF DATA INVALID - 26.3 PERCENTAGE OF DATA UNAVAILABLE - D.O

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCRESTROAD, ETOBICOKE MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	16	15	18	18	18	17	17	17	14	13	13	11	10	13	15	10	9	10	8	8	10	10	10	13
2	10	13	9	8	7	5	0	0	0	0	0	0	0	0	0	0	3	8	8	8	8	7	0	9	4
3	8	14	15	15	14	14	8	5	13	15	17	19	19	26	43	60	58	44	35	31	17	13	9	9	22
4	1	6	6	7	7	7	7	7	6	3	3	3	0	0	****	6	0	0	3	7	7	7	6	0	4
5	0	10	6	7	9	8	5	2	2	7	8	10	11	14	15	17	19	15	11	3	6	7	10	13	9
6	17	24	27	22	19	24	22	20	15	17	16	15	14	18	16	18	15	14	15	14	13	14	10	9	17
7	11	10	10	9	14	13	13	13	13	16	17	17	17	22	20	20	20	18	13	7	7	10	10	8	14
8	3	2	5	7	9	9	8	7	10	10	11	16	19	16	10	13	8	8	7	7	9	5	6	9	9
9	10	16	16	17	17	16	14	10	7	6	9	13	16	18	19	16	10	6	6	5	6	3	0	0	11
10	6	13	13	10	13	6	0	0	5	7	****	9	11	16	****	24	22	11	0	0	0	0	0	0	8
11	0	1	13	19	17	17	16	20	26	27	28	30	30	34	33	35	25	23	20	17	17	16	16	16	21
12	16	15	15	23	18	20	20	16	10	10	11	13	15	15	19	14	14	14	14	13	13	13	13	15	15
13	19	19	19	18	20	18	18	17	15	14	15	17	17	17	15	7	10	8	8	8	6	9	8	8	14
14	6	5	7	13	10	9	11	11	16	17	16	19	26	30	32	25	23	19	17	14	11	10	8	8	15
15	8	6	9	11	13	13	13	13	14	18	19	18	9	22	20	20	22	22	16	11	10	8	7	6	14
16	10	10	8	11	9	8	0	0	0	3	8	9	9	15	15	15	15	11	11	8	7	6	5	6	8
17	8	11	11	8	7	9	8	0	1	6	14	19	18	23	24	25	22	20	20	14	8	7	7	3	12
18	5	3	6	10	11	9	5	3	11	19	24	24	30	****	****	32	23	20	13	19	17	9	1	0	13
19	5	20	23	24	18	13	9	9	18	33	36	38	35	40	42	40	34	30	30	13	8	8	11	9	23
20	10	20	10	11	5	5	0	0	0	14	19	22	7	19	18	22	24	35	34	31	24	26	22	18	17
21	1	8	8	8	8	8	8	8	11	14	15	16	17	17	15	19	18	11	13	14	14	14	11	11	12
22	7	8	10	10	10	8	8	9	13	15	20	20	17	18	20	20	18	16	17	14	11	6	0	0	12
23	0	0	0	0	0	0	0	0	6	9	7	6	7	8	2	3	3	5	7	8	7	5	5	5	4
24	5	1	0	0	0	0	0	0	2	2	2	3	7	0	7	6	5	17	10	7	5	9	5	0	4
25	0	0	0	0	0	6	13	0	0	0	0	0	3	9	7	10	2	7	8	3	0	0	0	0	3
26	0	0	0	0	0	3	0	0	0	3	5	6	9	18	5	7	3	0	0	0	3	5	7	0	3
27	7	6	6	6	6	5	0	0	5	5	3	3	6	0	2	5	0	0	0	5	5	3	3	3	4
28	3	8	8	10	14	11	9	7	5	7	6	6	3	5	5	5	5	5	5	5	0	0	0	0	6
29	****	5	7	10	13	7	9	15	18	22	19	20	19	19	18	19	19	17	14	7	5	3	3	5	13
30	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	5	22	15	14	10	3	5	7	9	4
MEAN	7	9	9	10	10	10	8	7	9	11	12	13	13	16	16	17	16	14	13	10	9	8	7	6	10.9

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCRESTROAD, ETOBICOKE MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	14	16	16	20	7	8	8	10	13	17	17	15	11	14	15	15	19	19	0	0	0	0	0	11
2	0	0	0	0	0	0	0	0	7	6	8	5	8	13	15	10	14	8	2	2	0	0	0	0	4
3	5	7	6	0	8	6	0	0	0	0	0	3	0	0	0	0	0	0	8	16	15	16	17	14	5
4	6	8	7	7	7	0	0	3	6	2	5	8	****	14	15	11	10	14	10	10	9	7	9	7	8
5	8	22	22	18	18	15	17	25	27	27	30	31	27	30	34	32	30	15	24	28	25	22	17	13	23
6	0	0	5	16	14	11	10	10	17	18	16	15	15	13	11	9	8	15	15	11	13	13	10	8	11
7	13	11	10	15	15	10	7	7	14	22	19	23	32	34	30	34	38	35	35	27	22	19	19	20	21
8	14	18	8	0	5	0	2	3	5	8	14	****	****	23	38	36	39	31	15	0	0	0	0	0	12
9	0	0	16	11	0	0	0	0	8	18	27	36	36	41	48	44	42	39	26	25	20	20	8	0	19
10	0	0	0	0	0	0	0	0	18	38	38	39	****	65	53	66	42	30	14	6	0	0	0	0	18
11	0	0	6	7	22	0	0	0	5	14	18	18	32	22	19	13	14	34	25	7	0	0	0	0	11
12	0	0	0	0	9	5	0	8	13	11	16	22	17	14	16	16	10	6	10	10	10	11	11	10	9
13	10	9	14	14	13	14	13	14	17	20	23	24	22	24	24	23	24	26	25	11	8	0	0	0	16
14	0	0	5	6	0	0	9	14	16	15	18	22	22	30	32	25	24	11	13	18	2	0	0	0	12
15	0	0	11	7	15	0	0	0	3	7	24	20	****	32	32	24	16	16	5	5	20	14	11	7	12
16	8	16	19	16	10	0	1	8	18	20	22	22	20	25	25	19	19	17	16	9	0	0	0	0	13
17	0	0	0	0	0	0	0	0	5	13	13	17	8	14	24	28	10	9	18	0	0	0	0	****	7
18	0	0	0	0	0	0	0	0	0	0	0	0	3	6	30	18	30	24	8	0	0	0	0	0	5
19	0	0	0	0	0	0	0	3	5	7	8	14	27	28	25	14	8	10	2	0	0	0	0	0	6
20	0	0	0	0	3	7	8	11	13	15	15	15	18	20	23	24	24	20	19	15	6	1	0	0	11
21	0	0	0	0	0	0	19	22	22	17	17	17	11	14	15	16	17	13	5	13	11	5	3	0	10
22	0	0	0	0	0	0	0	0	2	9	10	18	20	15	22	20	18	19	15	11	0	0	0	0	7
23	6	14	9	0	0	0	1	0	0	5	7	6	6	7	9	7	7	9	0	0	0	0	0	0	4
24	5	7	7	5	6	0	0	6	9	9	16	15	10	15	9	0	0	0	0	0	0	0	0	9	5
25	11	14	16	14	11	0	0	0	0	0	0	0	****	0	3	0	0	0	0	0	0	0	0	5	3
26	8	6	6	7	6	0	0	2	7	5	3	7	15	16	18	16	15	9	23	13	0	0	13	9	9
27	3	6	0	10	10	7	11	15	11	9	14	14	13	15	14	9	14	18	0	0	0	0	0	0	8
28	0	0	0	2	0	0	6	6	10	20	16	15	18	13	15	0	7	0	0	0	0	0	0	0	5
29	0	0	0	0	0	0	0	0	0	3	7	11	****	3	11	15	9	9	14	5	0	0	0	0	4
30	0	0	0	0	0	0	0	0	8	20	28	30	25	33	23	38	40	49	52	27	1	0	0	0	16
31	0	0	0	0	0	0	0	0	0	8	20	30	****	33	43	41	33	31	30	8	0	0	0	0	12
MEAN	3	5	6	6	6	3	4	5	9	12	15	17	18	20	22	20	19	17	14	9	5	4	4	3	10.2

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	13	28	34	35	36	40	35	28	20	18	15	5	0	0	0	0	0	13
2	0	0	0	14	27	20	18	11	16	17	19	24	17	30	31	28	28	27	27	19	8	11	16	13	18
3	11	15	15	6	5	0	11	13	23	24	27	39	45	48	45	48	45	42	43	34	23	0	0	0	23
4	0	0	0	9	17	0	6	9	11	22	32	42	40	39	42	40	43	39	38	17	3	38	39	10	22
5	35	35	22	27	16	17	0	14	11	10	22	****	11	15	14	5	10	9	9	9	9	9	9	9	14
6	7	10	10	10	10	10	10	10	10	10	10	10	6	10	7	10	11	11	3	****	****	****	****	****	9
7	****	****	****	****	****	****	****	****	****	5	15	18	26	44	53	50	43	35	28	14	34	11	0	0	******
8	0	0	11	7	5	0	5	3	6	14	19	18	33	35	38	39	39	31	26	20	11	13	11	7	16
9	5	6	3	5	5	5	3	8	19	27	36	40	45	58	49	42	45	33	26	17	23	20	9	8	22
10	6	6	8	22	15	20	14	11	10	11	16	22	31	33	30	28	34	36	24	18	16	18	18	18	19
11	15	19	22	20	17	11	5	15	19	20	20	20	15	19	19	20	20	20	18	14	2	5	2	3	15
12	5	6	9	8	0	0	1	7	13	14	19	19	****	16	11	6	6	9	9	6	0	1	1	1	7
13	0	0	0	0	0	0	0	11	16	19	20	22	19	22	24	26	25	25	19	0	0	0	0	0	10
14	0	0	0	0	0	0	0	****	****	****	****	****	34	49	38	36	33	32	33	49	44	22	22	52	23
15	48	43	36	32	25	17	16	24	33	42	49	55	56	60	64	68	72	73	68	60	60	58	52	49	48
16	42	41	35	31	28	25	27	38	42	42	49	57	59	65	68	65	61	56	49	65	60	50	44	27	47
17	18	17	15	13	38	45	26	41	42	50	61	60	63	63	60	61	61	60	60	53	36	38	26	28	43
18	17	14	6	8	7	7	5	5	14	16	18	19	14	17	35	30	18	17	13	5	****	****	****	****	14
19	****	****	****	****	****	****	****	****	0	11	13	****	18	21	26	25	25	25	22	10	0	0	2	0	******
20	0	0	0	0	0	0	0	5	13	13	16	28	42	50	48	41	41	39	32	22	10	18	0	0	17
21	26	29	36	38	23	11	0	0	0	6	0	10	14	14	14	15	17	14	10	0	3	3	11	13	13
22	8	29	22	9	9	3	8	5	15	28	28	32	9	5	7	6	3	0	4	5	6	6	5	8	11
23	8	9	9	8	5	5	2	0	0	2	6	7	5	6	7	5	6	5	0	1	0	3	0	0	4
24	2	3	7	7	8	8	9	13	11	14	16	17	20	19	20	20	18	16	14	11	0	0	0	5	11
25	5	7	4	4	0	0	0	0	4	13	15	15	16	17	18	8	0	4	13	7	3	0	0	0	6
26	0	0	0	0	0	0	0	0	0	6	14	11	24	24	18	23	26	32	46	45	36	48	40	24	17
27	37	38	37	37	38	36	28	22	21	28	38	48	42	32	37	29	24	22	31	32	24	9	4	6	29
28	8	7	25	24	11	5	0	7	13	23	18	30	60	75	59	56	45	32	28	16	0	7	0	0	23
29	0	0	0	0	0	0	0	0	3	14	23	****	39	25	5	8	4	5	6	3	0	0	0	0	6
30	0	0	0	0	0	0	0	2	5	13	16	10	10	15	22	32	24	18	11	9	2	6	9	10	9
MEAN	11	12	12	12	11	9	7	11	14	19	23	27	29	32	31	30	28	26	24	19	15	14	11	10	18.4

PERCENTAGE OF DATA VALID - 95.1 PERCENTAGE OF DATA INVALID - 4.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	15	15	15	18	14	11	14	17	13	12	12	18	16	15	16	20	14	7	0	0	0	0	0	12
2	0	0	0	0	0	4	5	10	7	3	3	3	3	3	4	9	14	12	10	0	0	0	0	0	4
3	0	0	0	0	0	0	0	3	9	15	17	15	17	16	14	12	10	11	12	8	3	0	0	0	7
4	0	0	0	0	0	0	0	0	4	8	8	10	****	11	13	13	13	16	15	12	8	7	7	6	7
5	0	3	6	8	6	0	5	9	8	8	12	14	15	15	15	15	15	15	12	3	0	0	0	0	8
6	0	0	0	0	0	0	0	0	3	11	16	16	14	16	17	17	17	16	13	11	4	0	0	0	7
7	0	0	0	0	0	0	0	0	0	2	15	17	15	19	24	27	23	20	16	7	2	7	4	0	8
8	0	0	0	0	0	0	0	3	15	20	25	20	22	31	43	45	41	37	31	26	15	3	4	0	16
9	0	0	0	0	0	0	0	0	3	16	16	9	28	34	35	30	13	9	10	16	0	0	0	2	9
10	15	13	11	21	21	13	0	0	0	0	0	0	****	31	35	21	17	17	13	6	4	5	3	6	11
11	2	11	7	10	6	0	0	3	12	22	32	35	31	24	49	44	18	8	7	10	3	0	0	0	14
12	0	0	0	0	0	0	0	4	18	25	30	32	38	59	67	58	52	49	38	32	13	0	0	0	21
13	0	0	0	0	0	0	0	0	8	20	39	53	48	****	30	29	26	28	19	15	6	0	0	0	14
14	0	0	0	0	0	0	0	0	4	6	7	24	36	59	80	60	57	55	57	31	24	14	6	0	22
15	0	0	0	0	0	0	4	9	12	14	26	28	32	14	14	14	17	19	17	9	0	0	0	0	10
16	0	0	0	0	0	0	0	0	0	9	10	11	7	8	7	14	12	13	11	5	2	0	0	0	5
17	0	0	0	0	0	0	0	0	4	10	17	14	****	21	37	24	9	11	10	8	5	4	0	6	8
18	3	5	6	7	5	0	0	0	11	13	20	23	37	36	25	25	44	59	41	17	0	0	0	0	16
19	0	0	0	0	0	0	0	0	6	16	28	29	40	49	44	50	42	30	22	0	0	0	0	0	15
20	0	0	0	0	0	0	0	0	13	43	58	57	75	70	45	43	28	51	47	37	29	26	10	0	26
21	0	0	0	0	0	0	0	0	10	36	58	66	72	76	92	75	73	59	56	51	43	6	0	0	32
22	0	0	4	8	10	20	38	39	40	45	57	54	43	53	52	51	51	50	54	41	26	5	0	0	31
23	0	0	3	4	11	0	0	0	0	3	26	48	56	62	29	69	64	49	48	36	40	49	46	42	29
24	43	34	30	11	0	0	0	11	19	24	32	43	57	60	57	52	45	32	30	32	39	36	27	24	31
25	22	15	19	10	****	****	****	****	****	****	****	13	19	21	****	22	38	31	15	14	11	4	9	8	17
26	14	****	****	****	****	****	****	****	****	****	****	****	6	5	3	7	7	7	9	13	15	17	10	3	******
27	0	4	0	5	0	0	0	0	0	14	14	6	****	28	40	43	31	59	30	18	4	4	0	0	13
28	0	0	0	0	0	0	0	0	8	11	20	30	36	44	46	38	31	31	25	6	0	0	0	0	14
29	0	0	0	0	0	0	0	6	10	16	22	32	39	55	44	53	71	61	51	19	6	0	0	0	20
30	0	0	0	0	0	0	0	0	6	8	6	30	14	12	35	27	52	47	52	57	47	47	36	42	22
31	42	34	23	29	23	7	0	0	16	19	25	30	36	****	43	36	23	16	11	22	17	10	8	9	21
MEAN	5	4	4	4	3	2	2	4	9	16	22	26	32	33	35	34	31	30	25	18	12	8	5	5	15.4

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 3.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCRESTROAD, ETOBICOKE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	20	21	25	4	4	0	0	0	5	17	13	18	31	26	20	15	14	12	11	11	9	9	13	13
2	20	19	0	9	7	4	5	10	12	16	28	26	24	23	15	19	23	21	18	11	5	2	0	0	13
3	0	0	0	0	0	0	0	0	7	24	51	43	47	63	64	75	56	53	38	58	49	45	37	16	30
4	26	26	18	15	5	0	0	12	22	42	59	76	82	55	42	40	39	36	24	7	0	0	0	0	26
5	3	4	22	31	14	9	9	25	35	37	37	38	31	38	36	38	40	34	27	15	0	0	3	10	22
6	19	20	25	22	20	12	6	5	5	12	17	19	29	24	28	30	29	29	24	11	0	0	0	0	16
7	0	0	0	0	0	0	0	0	0	0	1	5	6	16	31	58	70	67	50	39	22	8	16	2	16
8	7	12	9	5	8	0	0	0	2	8	9	24	****	34	29	24	23	11	8	0	0	0	0	0	9
9	0	0	0	0	0	0	0	2	7	13	16	21	23	24	28	17	12	6	5	6	7	2	0	0	8
10	4	4	0	3	0	0	0	0	0	9	25	31	31	31	26	28	26	22	17	17	12	2	5	11	13
11	10	9	7	6	2	0	0	3	5	10	12	14	16	23	24	25	20	15	9	3	2	4	0	0	9
12	0	4	4	0	0	0	0	4	11	17	13	14	17	19	21	20	20	19	17	4	0	0	0	0	9
13	0	0	0	0	0	0	0	0	5	12	14	22	32	40	45	46	42	45	42	39	38	37	34	29	22
14	28	21	16	16	14	4	0	6	15	13	9	9	9	10	8	7	9	7	5	5	5	4	4	4	10
15	4	4	3	5	3	3	0	3	4	5	5	7	****	****	8	7	4	4	4	1	2	2	2	2	4
16	0	0	0	0	0	0	0	0	0	6	13	16	16	17	24	30	9	25	11	0	0	0	0	0	7
17	0	0	0	0	0	0	0	0	0	6	5	18	26	29	****	36	31	2	1	1	1	1	20	20	9
18	20	5	11	22	23	14	4	9	8	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	6
19	0	0	0	0	0	0	4	13	19	22	23	26	29	31	41	52	51	53	45	20	5	2	2	2	18
20	0	0	0	0	0	0	0	0	0	8	17	29	21	16	8	0	7	11	7	2	2	2	2	2	6
21	0	0	0	0	0	0	0	0	0	7	15	23	10	10	42	24	18	7	3	0	0	0	0	0	7
22	0	0	0	0	0	0	0	0	15	15	19	23	31	40	29	22	25	18	13	8	7	12	8	0	12
23	0	0	0	0	0	0	0	0	0	0	0	0	0	7	14	15	20	21	3	1	1	1	1	1	4
24	0	0	0	0	0	0	0	3	12	20	23	24	****	30	28	27	20	21	25	11	3	12	12	0	12
25	19	18	13	16	19	15	10	17	20	22	27	32	37	37	38	43	38	38	26	16	5	3	3	2	21
26	0	0	0	0	0	0	0	0	5	12	20	23	23	20	18	18	16	11	7	6	4	1	1	4	8
27	0	19	13	17	14	0	0	0	8	19	22	34	40	41	42	47	44	38	29	5	10	0	0	0	18
28	0	0	0	0	0	0	0	0	0	14	23	****	37	34	29	32	32	23	3	0	0	14	6	11	11
29	25	16	9	5	17	15	0	4	10	17	18	19	24	28	****	24	26	26	12	11	9	5	0	0	14
30	0	0	0	0	0	0	0	0	3	10	18	27	28	24	23	17	15	10	2	0	0	0	0	0	7
31	0	0	0	0	0	0	0	0	0	0	6	7	9	****	14	14	7	5	4	0	1	1	0	0	3
MEAN	6	6	6	6	5	3	1	4	7	13	18	22	25	27	27	28	25	22	16	10	7	5	5	4	12.4

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCRESTROAD, ETOBICOKE MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	10	19	34	32	46	58	69	80	54	38	32	44	52	28	27	23	27
2	25	25	27	12	11	11	11	9	14	20	24	25	27	30	30	32	35	35	35	28	31	26	****	****	24
3	****	****	0	0	4	0	0	8	15	16	18	20	17	20	20	17	13	5	0	0	0	0	0	0	8
4	0	0	0	0	0	0	0	0	0	0	5	10	16	18	21	18	15	5	4	0	2	0	0	0	5
5	0	0	0	0	0	0	0	0	2	16	21	16	****	32	27	13	10	8	13	13	4	1	1	1	8
6	0	0	3	3	0	0	0	0	0	13	43	50	54	54	41	36	34	39	25	16	19	13	10	9	19
7	6	5	2	2	2	2	2	3	3	6	8	8	5	****	0	0	0	0	0	0	4	4	4	5	3
8	4	5	6	5	1	1	2	2	2	5	8	11	17	16	17	17	17	17	11	0	0	0	0	0	7
9	0	0	0	0	0	0	0	0	7	15	17	21	27	29	26	24	27	29	29	14	4	2	12	12	12
10	14	24	26	18	20	16	3	3	18	28	34	36	30	20	14	11	7	4	3	0	0	0	0	0	14
11	0	0	0	0	0	0	0	0	0	0	6	10	****	22	9	13	14	10	8	2	2	2	2	2	4
12	0	0	0	0	0	0	0	0	0	6	7	10	12	12	11	12	5	0	2	0	0	0	1	5	3
13	0	0	0	0	0	0	0	8	24	29	29	40	52	51	56	47	35	26	12	19	20	13	15	16	21
14	27	22	27	18	14	13	3	2	2	2	5	8	7	****	10	9	9	0	0	0	0	0	0	0	8
15	0	0	0	0	0	0	0	0	6	11	14	16	17	17	17	15	15	11	7	7	8	0	0	4	7
16	8	4	3	0	0	0	0	0	3	13	20	23	28	30	31	31	29	32	29	21	19	15	11	8	15
17	14	13	15	2	6	4	0	0	17	28	41	36	37	49	53	34	47	57	48	43	41	38	41	43	29
18	43	42	37	36	27	19	8	10	21	30	39	48	57	58	56	43	38	34	15	7	4	1	1	1	28
19	0	2	4	4	7	2	2	4	7	11	11	11	****	****	22	19	19	14	0	0	0	0	0	0	6
20	0	0	0	0	0	0	0	0	0	3	7	21	31	37	41	32	32	31	29	26	30	24	20	27	16
21	29	23	17	11	8	5	1	1	9	16	20	22	****	12	10	10	10	6	1	1	1	1	1	1	9
22	0	0	0	0	0	0	0	0	0	6	10	14	19	20	20	19	10	9	0	0	0	0	0	0	5
23	0	0	0	0	0	0	0	0	0	12	12	10	13	15	16	18	13	9	3	3	3	3	3	3	6
24	0	0	0	0	0	0	0	0	0	11	13	10	13	13	0	0	10	10	3	1	2	0	0	0	4
25	0	0	0	0	0	2	1	1	1	7	7	26	****	****	36	36	24	9	5	1	1	1	3	4	8
26	0	0	7	7	2	0	0	0	1	7	12	15	23	23	****	27	23	4	0	0	0	0	0	0	7
27	0	0	0	0	0	0	0	0	0	4	15	21	36	42	35	30	27	23	3	3	3	3	3	3	10
28	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	2	7	11	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	13	14	17	11	27	22	29	28	9	2	1	1	1	1	1	7
30	0	0	0	0	0	0	0	0	2	5	12	12	19	26	32	35	27	3	0	1	8	8	10	4	9
MEAN	6	6	6	4	3	3	1	2	5	12	17	20	25	28	26	24	21	16	11	8	9	6	6	6	11.0

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	10	15	11	0	0	0	0	0	3	6	13	22	17	10	4	5	2	2	2	2	2	2	2	6
2	0	0	0	0	0	0	0	0	0	0	0	****	****	5	5	6	6	12	7	10	5	10	4	4	3
3	9	13	12	8	8	0	0	0	0	0	0	0	0	3	3	3	3	3	10	9	6	0	0	3	4
4	12	12	12	7	3	0	0	0	0	6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2
5	0	0	0	0	0	0	0	0	0	3	9	9	****	14	13	7	2	4	3	3	3	3	5	6	4
6	4	4	6	3	3	4	1	1	1	5	7	10	3	6	4	7	11	7	8	2	12	9	9	4	5
7	4	5	6	8	15	11	13	10	6	8	7	6	6	5	3	3	3	3	3	1	1	1	1	1	5
8	2	1	3	3	5	4	0	5	10	12	13	13	11	11	7	5	1	1	1	1	1	1	1	1	5
9	0	0	0	0	0	1	0	0	8	11	15	13	17	16	13	8	3	1	1	1	1	1	1	1	5
10	0	0	0	0	0	0	0	0	0	0	3	5	****	11	10	15	0	5	0	0	0	0	0	0	2
11	0	0	0	0	0	0	0	0	0	0	0	2	0	11	10	5	4	4	4	4	2	10	10	9	3
12	8	13	12	16	9	5	0	0	0	0	8	13	11	9	9	4	1	1	1	2	0	6	2	3	6
13	9	9	10	10	5	5	5	5	5	4	9	11	13	13	13	6	6	0	0	0	0	0	0	0	6
14	0	0	0	5	3	2	2	2	5	10	14	15	18	18	18	13	7	2	0	0	4	4	2	0	6
15	0	0	0	0	0	0	0	0	0	0	0	8	17	20	21	14	12	5	0	0	0	0	0	0	4
16	0	0	0	0	0	0	0	0	0	3	6	6	****	11	11	6	6	0	0	0	0	0	0	0	2
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	2	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	6	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	9	9	10	11	2
20	9	8	0	3	3	6	4	4	3	3	6	12	17	19	13	13	19	3	4	2	2	2	10	10	7
21	9	9	5	1	1	1	8	8	8	10	14	18	20	20	26	30	30	30	24	16	14	18	10	****	14
22													- DATA INVALID -												
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	8	8	8	8	8	8	8	8	8	8	******
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	4	4	4	4	4	4	4	4	4	1	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3
26	0	0	0	0	0	5	5	5	5	5	4	0	0	0	0	0	0	3	3	3	2	1	3	3	2
27	0	4	4	4	4	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	7	2	3	3	4
28	5	5	5	5	6	7	7	7	7	3	3	3	0	2	2	2	4	4	4	4	4	4	4	4	4
29	0	0	0	0	0	0	5	5	5	5	5	5	0	0	3	3	3	3	3	3	3	3	3	3	3
30	6	6	6	6	6	6	6	6	6	4	4	4	3	****	****	****	****	****	****	****	****	****	****	****	******
31													- DATA INVALID -												
MEAN	3	4	4	4	3	3	2	3	3	4	5	6	7	8	8	6	5	4	4	3	3	4	3	3	4.2

PERCENTAGE OF DATA VALID - 89.2 PERCENTAGE OF DATA INVALID - 10.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	******
10	0	0	0	0	0	0	0	0	0	7	13	13	15	15	15	7	2	1	1	1	1	1	1	3	4
11	0	4	1	1	1	1	[illegible]	1	1	1	8	9	9	7	8	7	10	5	3	1	1	1	1	1	3
12	0	0	4	5	5	5	4	4	4	5	7	9	7	10	10	9	3	2	2	2	2	2	2	2	4
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	1	1	1	1	1	1	1	1
14	0	0	0	0	0	0	0	0	0	2	5	5	****	****	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9	1
16	9	9	9	9	6	4	0	0	0	2	4	6	10	****	9	9	9	7	7	9	3	2	2	2	6
17	0	0	0	4	2	2	2	0	0	0	3	6	5	8	9	10	5	3	3	3	3	3	3	3	3
18	0	0	0	0	0	0	0	0	0	0	0	3	4	1	1	1	1	1	1	1	1	1	1	1	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	****	3	4	4	4	4	4	4	4	4	4	2
21	4	4	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	2
22	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	3	3	1	1
23	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	4	2	2	2	2	0	0	0	0	1
24	0	0	0	3	4	4	5	9	11	8	8	8	7	10	10	10	7	3	3	3	3	3	3	3	5
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	6	6	4	4	4	4	4	7	12	12	11	11	11	11	11	11	9	9	9	10	7
27	13	13	11	11	12	12	9	3	1	1	8	10	6	****	12	11	8	5	1	1	1	1	1	1	7
28	0	0	0	0	0	0	0	0	7	11	9	9	10	10	6	4	3	5	6	6	5	5	3	3	4
29	0	0	2	2	2	2	2	2	2	2	7	6	7	3	3	3	3	3	3	3	3	3	3	3	3
30	0	0	3	4	4	3	3	3	3	3	5	5	8	8	****	7	5	4	4	4	4	4	4	4	4
MEAN	1	2	2	2	2	2	2	1	2	2	4	5	5	5	5	5	4	3	2	2	2	2	2	2	2.7

PERCENTAGE OF DATA VALID - 70.4 PERCENTAGE OF DATA INVALID - 29.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	5	5	5	1
2	6	6	6	7	8	13	11	10	12	16	19	21	17	16	11	5	1	1	1	1	1	1	1	1	8
3	0	0	0	4	5	5	0	0	0	5	10	14	19	19	17	12	8	9	7	10	9	9	5	2	7
4	0	0	0	0	0	0	0	0	0	0	0	0	4	****	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	7	7	8	8	8	11	11	11	11	11	11	11	5
6	10	10	10	7	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
7	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	******
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	******
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	7	8	9	10	10	10	10	3
17	10	10	10	10	8	8	0	0	0	0	0	9	9	9	9	7	4	2	6	10	8	8	8	8	6
18	9	9	9	9	9	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	2
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	5	8	8	10	9	9	2
26	9	11	11	11	11	11	11	11	6	6	7	7	6	5	4	0	0	0	0	0	0	0	0	0	5
27	3	6	9	5	5	4	4	4	0	3	7	7	8	8	7	5	4	0	0	0	0	2	2	2	4
28	6	6	8	9	8	8	6	1	1	6	7	9	9	****	9	4	2	2	2	2	2	2	2	2	5
29	0	0	0	0	0	6	6	0	0	4	9	9	10	9	9	8	4	0	0	4	4	4	0	0	4
30	0	0	0	0	5	5	5	0	0	0	10	10	9	9	9	9	0	0	0	0	0	0	0	0	3
31	0	0	0	0	0	0	0	0	0	0	5	5	5	****	4	4	4	4	4	4	4	4	4	4	2
MEAN	2	2	3	3	3	3	2	1	1	2	3	4	4	4	4	3	2	2	2	2	2	3	2	2	2.5

PERCENTAGE OF DATA VALID - 76.6 PERCENTAGE OF DATA INVALID - 23.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	10.5	19	45
FEB	15	12.7	26	36
MAR	22	20.0	39	57
APR	30	10.9	23	60
MAY	31	10.2	23	66
JUN	28	18.4	48	75
JUL	30	15.4	32	92
AUG	31	12.4	30	82
SEP	30	11.0	29	80
OCT	27	4.2	14	30
NOV	21	2.7	7	15
DEC	23	2.5	8	21
YEAR	318	11.0	48	92

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	339	346	3	0	0	0	0	0	688
FEB	156	185	27	0	0	0	0	0	368
MAR	132	288	125	3	0	0	0	0	548
APR	403	289	20	2	0	0	0	0	714
MAY	431	262	38	4	0	0	0	0	735
JUN	288	240	119	38	0	0	0	0	685
JUL	379	198	91	50	1	0	0	0	719
AUG	418	234	67	16	1	0	0	0	736
SEP	434	197	60	15	0	0	0	0	706
OCT	591	73	0	0	0	0	0	0	664
NOV	484	23	0	0	0	0	0	0	507
DEC	542	28	0	0	0	0	0	0	570
YEAR	4597	2363	550	128	2	0	0	0	7640

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 50	70	90	95	98	99	MAX	ARITH MEAN
87.2	0	0.0	0.5	6.9	14.0	28.3	37.5	48.3	56.6	92	11.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA INVALID -																								
2	****	****	****	****	****	****	****	****	****	****	4	4	5	4	3	2	2	1	2	7	8	11	11	9	*****
3	13	13	12	8	7	7	3	2	2	4	6	****	8	9	9	7	8	4	7	9	8	8	7	8	7
4	13	12	14	14	13	12	9	3	4	9	10	10	9	5	8	6	4	5	4	7	10	7	11	10	9
5	10	12	13	13	13	13	5	1	3	8	12	11	9	11	7	7	4	3	0	0	0	0	0	0	6
6	0	0	0	0	0	0	0	0	1	3	11	12	16	12	13	13	9	5	13	9	7	5	6	4	6
7	3	1	1	2	2	2	0	0	0	0	2	2	****	1	2	0	0	0	0	0	0	0	0	0	1
8	2	3	****	1	3	0	0	0	0	2	5	7	7	7	5	4	2	0	0	1	2	2	5	2	3
9	4	9	3	8	7	10	6	3	5	7	7	10	13	8	6	5	3	0	0	0	0	0	0	0	5
10	0	0	0	0	0	0	0	0	1	5	8	9	7	6	6	4	2	1	0	0	0	0	2	3	2
11	3	2	0	0	0	0	0	0	0	3	8	12	7	6	11	7	2	0	0	0	0	0	0	0	3
12	0	0	0	0	0	0	0	0	0	3	****	14	13	13	11	8	5	3	3	2	2	1	0	0	3
13	0	0	0	0	0	2	5	0	0	1	2	3	3	4	3	1	0	3	6	2	7	9	7	3	3
14	1	2	1	1	3	0	0	0	3	10	10	12	10	9	11	10	9	7	4	5	7	5	7	10	6
15	13	16	15	17	17	10	4	4	4	8	8	****	9	10	8	6	3	3	3	4	6	8	9	8	8
16	6	5	6	7	2	1	0	0	0	1	4	5	7	7	4	5	2	0	0	0	0	0	0	0	3
17	0	0	0	0	0	1	4	3	4	7	11	3	****	2	3	0	0	0	0	2	4	4	5	5	3
18	6	5	7	8	4	4	3	2	2	8	7	7	7	7	6	5	4	1	1	1	2	2	0	0	4
19	0	0	0	0	0	0	0	0	0	0	0	0	2	0	5	10	7	10	3	0	0	16	16	14	3
20	12	14	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
21	0	0	0	0	0	1	2	2	4	7	9	10	11	8	10	7	8	6	6	3	5	6	7	7	5
22	4	6	11	10	11	8	4	2	1	2	4	****	7	6	6	4	3	2	2	3	2	3	1	0	4
23	7	4	9	13	14	10	6	1	3	6	7	10	12	9	6	12	15	14	17	16	15	14	12	12	10
24	12	14	13	13	5	7	6	4	7	4	3	3	6	0	0	0	0	2	3	4	6	6	8	5	5
25	7	7	4	3	7	9	5	2	3	3	4	3	4	4	5	4	1	4	3	4	3	4	4	3	4
26	7	10	8	11	12	9	4	1	2	4	5	5	7	6	7	3	4	1	2	1	2	2	4	4	5
27	3	4	9	11	11	7	5	3	2	1	5	****	0	0	0	0	0	0	0	0	0	0	0	0	3
28	0	0	0	0	2	0	2	0	0	1	0	0	0	0	7	7	9	7	9	10	9	10	11	10	4
29	16	18	19	19	18	14	8	4	3	7	6	6	6	6	6	6	4	3	4	7	9	5	6	8	9
30	10	15	18	19	19	17	9	4	2	6	8	****	9	7	6	5	3	2	2	2	5	7	7	9	8
31	11	11	15	13	18	15	7	2	2	5	8	7	7	8	7	5	4	4	6	6	6	5	6	10	8
MEAN	6	6	7	7	6	5	3	1	2	4	6	7	7	6	6	5	4	3	3	4	4	5	5	5	4.9

PERCENTAGE OF DATA VALID - 94.2 PERCENTAGE OF DATA INVALID - 5.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	15	17	13	17	17	10	3	3	6	6	6	8	6	7	8	4	2	4	5	6	6	6	7	8
2	8	10	15	17	19	17	6	1	1	3	****	9	11	9	8	6	4	2	2	2	1	2	1	1	7
3	1	1	1	1	1	1	1	1	2	2	5	9	14	17	14	12	9	8	2	2	2	0	0	0	4
4	14	13	11	11	11	8	4	2	5	12	17	20	20	18	19	23	23	22	18	16	14	12	8	8	14
5	10	15	15	16	15	13	7	1	2	4	5	****	9	8	8	6	3	2	1	2	5	4	4	3	7
6	5	7	11	9	4	1	0	0	1	1	2	3	6	8	6	7	5	10	7	6	6	12	7	7	5
7	7	5	4	0	0	0	0	2	6	13	10	****	17	18	15	12	8	13	14	4	0	0	0	0	6
8	0	0	1	14	13	10	5	1	2	6	7	8	10	9	8	6	4	2	2	2	2	5	8	9	6
9	12	15	15	16	16	15	10	4	4	8	7	7	9	8	9	7	7	3	0	0	0	0	0	0	7
10	2	4	1	0	0	0	0	0	1	4	6	6	8	9	11	10	8	6	3	6	3	3	8	6	4
11	3	2	3	7	4	2	3	2	7	13	15	15	18	16	****	13	13	10	2	0	0	0	0	0	6
12	0	0	0	0	0	0	0	0	0	0	2	4	10	12	11	10	8	1	3	4	8	7	5	7	4
13	8	10	11	11	12	12	6	1	2	3	5	10	13	13	12	10	7	3	1	1	3	4	2	2	7
14	4	4	4	2	2	2	0	0	0	2	2	4	4	4	4	3	10	14	16	17	15	0	0	0	5
15	2	4	7	9	11	8	3	0	2	5	6	7	8	7	5	12	15	17	13	16	10	3	6	8	8
16	10	12	14	16	16	14	7	3	5	8	9	8	8	7	7	7	5	3	4	4	8	10	12	8	9
17	8	11	11	14	15	13	9	8	10	10	11	11	13	13	12	10	8	5	2	2	4	3	3	1	9
18	1	1	1	1	1	1	1	-	16	15	19	20	21	15	14	18	17	19	20	23	-	24	19	****	13
19	****	18	****	14	2	2	2	2	3	4	7	****	13	20	19	22	15	13	4	4	3	8	15	13	10
20	15	12	16	16	19	21	17	10	11	14	23	26	25	27	28	26	19	16	10	6	4	4	4	4	16
21	6	9	5	4	4	4	4	4	4	6	6	5	7	7	6	10	10	7	8	11	16	20	23	22	9
22	26	25	27	27	25	20	8	6	5	6	6	****	****	****	4	9	8	7	8	10	13	16	19	20	14
23	23	24	26	25	19	17	14	10	4	7	13	****	****	9	7	4	2	3	6	5	1	0	0	1	10
24	1	1	1	1	1	0	1	1	2	5	7	7	7	7	6	7	5	3	2	1	2	3	2	1	3
25	3	2	5	9	11	11	9	6	6	6	6	8	7	5	5	4	4	2	2	2	0	1	0	0	5
26	3	6	7	6	6	4	0	****	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	1
27	1	1	1	1	1	0	0	0	0	0	0	1	2	3	10	1	2	2	2	2	1	1	1	1	1
28	0	0	0	0	0	0	0	0	0	0	0	7	14	19	20	19	13	6	3	1	0	0	2	0	4
MEAN	7	8	9	9	9	8	5	3	4	6	7	9	11	11	10	10	8	7	6	6	5	5	6	5	7.1

PERCENTAGE OF DATA VALID - 97.5 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ******* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	4	2	4	7	2	0	0	2	4	5	5	3	2	1	0	0	0	0	0	0	0	0	0	2
2	4	6	9	6	9	7	1	0	0	0	1	****	4	4	5	5	2	2	1	3	1	1	0	0	3
3	1	5	8	8	9	9	3	1	5	5	8	12	14	14	14	16	10	11	15	9	4	3	3	7	8
4	7	8	10	12	13	15	15	13	12	11	10	****	16	17	17	12	3	2	0	1	2	0	0	2	9
5	3	2	0	0	4	3	2	0	1	8	9	10	13	12	11	10	7	4	2	3	2	3	1	6	5
6	10	5	10	10	10	11	6	0	2	4	6	****	****	****	****	****	****	****	****	****	****	****	****	****	******
7	****	****	****	****	****	****	****	****	****	****	****	****	26	25	24	23	21	19	8	14	19	6	2	******	
8	0	0	0	0	0	0	0	0	0	2	6	****	12	11	11	10	4	3	1	0	0	1	0	0	3
9	0	0	0	0	0	0	0	0	1	2	4	12	20	12	12	13	12	11	14	17	17	20	17	11	8
10	3	0	0	7	10	9	5	5	5	6	8	10	13	16	19	23	17	12	11	8	7	11	10	8	9
11	10	10	13	13	14	15	13	12	13	14	14	13	2	6	8	8	8	6	6	6	5	5	5	7	9
12	11	17	21	21	21	15	7	4	5	7	8	9	11	11	11	7	6	5	6	2	1	0	0	0	9
13	4	11	20	18	13	9	6	4	7	9	11	10	8	8	8	8	7	26	29	24	21	13	12	6	12
14	15	19	24	26	29	24	15	8	6	5	7	****	16	14	11	7	5	4	5	7	7	9	9	10	12
15	16	21	20	19	21	16	6	4	7	9	12	12	9	9	9	7	6	5	5	3	2	3	2	0	9
16	1	0	7	11	12	6	4	2	1	3	5	****	16	16	15	18	13	8	4	0	0	0	0	0	6
17	0	0	0	0	0	0	0	0	4	10	15	16	19	27	23	20	29	32	16	10	1	0	0	0	9
18	0	0	0	0	0	0	0	2	4	5	****	21	25	36	43	53	54	34	26	18	2	28	27	30	18
19	30	22	22	16	7	0	0	1	12	21	24	25	****	****	27	22	18	20	14	2	2	2	3	3	13
20	3	2	2	1	1	2	2	3	3	****	****	19	17	18	17	11	12	-	****	****	2	****	2	2	7
21	2	3	5	****	1	2	2	4	4	8	19	****	27	30	24	18	16	13	2	2	3	4	5	5	9
22	4	3	2	2	2	2	2	3	4	8	18	23	30	29	****	19	24	28	15	0	0	9	5	0	10
23	0	0	0	0	0	0	0	1	2	8	19	25	30	36	32	18	10	12	25	13	16	30	31	17	14
24	0	12	20	13	21	25	23	20	22	20	21	20	10	0	0	15	20	6	2	9	0	0	0	0	12
25	8	11	10	7	6	10	10	10	11	14	16	18	20	19	19	17	19	14	1	1	0	0	0	1	10
26	2	7	9	9	8	5	2	2	2	2	****	6	8	6	7	5	4	4	5	5	7	7	8	7	6
27	8	11	16	20	19	14	1	1	5	8	9	11	12	13	12	9	7	5	3	2	3	2	0	0	8
28	****	****	****	****	****	****	0	0	9	14	17	20	19	23	44	22	17	7	2	12	21	14	2	7	14
29	****	****	****	****	****	****	0	0	0	2	2	0	0	0	0	0	0	****	****	****	****	****	****	****	******
30	****	7	14	14	10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
31	- DATA INVALID -																								
MEAN	6	7	9	9	9	8	4	4	5	8	11	14	14	15	16	14	13	11	9	6	5	7	5	5	8.9

PERCENTAGE OF DATA VALID - 85.6 PERCENTAGE OF DATA INVALID - 14.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE

MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA INVALID -												
2													- DATA INVALID -												
3	****	****	****	****	****	****	****	****	****	****	15	11	16	17	19	20	14	6	3	2	2	2	0	0	******
4	0	0	0	0	0	0	0	0	4	4	2	7	9	11	12	11	6	14	16	22	20	20	15	9	8
5	2	6	12	12	13	6	0	1	5	6	7	7	9	10	14	17	17	16	13	11	17	18	23	24	11
6	19	33	39	31	28	28	27	12	16	16	16	17	20	20	19	17	14	13	9	9	9	10	9	6	18
7	7	8	10	15	19	19	13	11	10	10	12	12	13	12	11	11	10	9	6	3	6	5	2	0	10
8	1	0	0	0	1	3	3	8	13	24	25	28	29	27	24	6	1	2	2	0	2	3	4	11	9
9	15	18	16	21	15	8	4	3	4	6	8	10	11	10	10	6	4	4	1	0	0	0	0	0	7
10	4	5	10	14	9	10	3	3	6	12	7	9	10	9	9	8	6	3	0	0	0	0	0	0	6
11	0	0	0	0	0	0	0	1	11	18	22	22	24	22	20	18	15	8	9	6	3	6	3	3	9
12	1	1	14	13	17	15	9	10	15	12	16	17	****	5	6	4	5	7	2	2	18	25	29	28	12
13	26	21	21	19	22	23	23	21	22	****	20	19	16	14	8	9	8	1	12	18	23	20	21	17	18
14	13	15	17	20	19	21	11	3	12	7	7	24	27	29	23	22	16	7	20	2	0	0	2	2	13
15	4	1	9	14	19	15	14	14	15	14	12	13	12	12	11	9	10	9	9	5	5	5	3	3	10
16	8	11	12	13	10	4	0	2	0	1	2	4	5	****	6	4	4	3	3	4	4	4	2	5	5
17	9	7	4	8	3	3	0	0	1	5	8	12	9	11	11	7	7	8	3	1	2	0	2	2	5
18	1	1	6	8	3	4	3	2	5	9	11	13	****	14	12	11	7	6	3	2	3	1	2	10	6
19	12	9	9	4	5	1	0	1	6	9	10	12	14	11	13	9	7	7	6	4	6	1	4	8	7
20	6	7	3	2	0	0	0	0	0	2	7	12	18	21	23	19	16	14	3	0	0	1	0	0	6
21	0	0	0	0	3	3	2	9	11	16	23	28	35	34	32	31	35	32	16	6	0	0	2	16	14
22	0	0	0	0	4	10	8	10	14	15	17	17	18	23	28	29	30	30	27	9	2	2	1	1	12
23	0	1	1	1	3	1	2	6	10	11	18	23	27	20	23	20	19	22	24	6	5	2	2	2	10
24	1	2	1	2	5	3	6	4	5	21	19	48	22	22	34	29	33	40	46	41	25	32	6	23	20
25	6	1	4	4	33	30	32	21	4	5	16	22	32	33	35	42	34	37	40	26	11	42	20	1	22
26	33	30	32	9	16	10	6	4	9	16	18	25	24	23	22	14	11	11	17	22	25	27	25	17	19
27	3	0	2	10	10	5	3	3	3	3	2	3	3	4	5	3	2	2	2	2	4	4	3	4	4
28	5	4	8	12	14	12	8	7	8	10	17	14	9	7	9	11	17	16	17	8	1	1	1	1	9
29	4	5	10	17	19	8	11	15	17	19	22	24	28	29	27	27	28	26	21	23	7	2	1	1	16
30	2	2	1	9	9	5	7	8	11	11	7	9	17	22	19	21	20	10	7	4	2	4	6	12	9
MEAN	7	7	9	10	11	9	7	7	9	11	13	17	18	17	17	16	14	13	12	9	7	8	7	7	10.9

PERCENTAGE OF DATA VALIO - 91.4 PERCENTAGE OF OATA INVALID - 8.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE

MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	18	21	17	14	6	4	5	5	8	9	10	9	7	6	6	6	9	7	2	1	2	2	2	8
2	1	1	1	2	1	2	3	6	9	13	16	19	24	20	22	27	24	25	20	21	24	29	20	4	14
3	2	22	34	28	19	6	3	4	2	3	33	0	1	2	1	0	****	0	4	6	7	8	9	11	9
4	11	11	11	8	5	****	0	0	2	6	6	7	8	7	1	0	-	1	1	****	0	0	1	0	4
5	1	9	11	7	2	1	5	6	8	12	17	20	19	24	26	27	24	19	7	11	7	6	3	0	11
6	****	1	5	14	20	19	19	20	21	17	13	16	16	14	11	1	4	9	9	12	11	14	10	10	12
7	9	16	18	20	19	10	7	11	17	20	16	22	23	22	27	29	37	33	34	31	26	21	24	23	21
8	17	10	****	****	9	****	0	2	****	4	7	13	14	25	27	46	49	38	22	18	20	20	****	****	19
9	****	****	****	****	14	11	11	15	7	18	23	31	31	37	36	31	32	30	23	17	14	2	****	****	21
10	****	****	****	****	****	****	0	1	9	15	30	51	51	37	67	50	17	12	1	19	12	18	****	****	24
11	****	21	4	****	12	****	0	1	6	10	9	19	18	14	15	27	28	35	38	23	15	4	7	3	15
12	6	5	7	1	2	7	6	4	12	9	7	15	8	12	5	7	6	4	4	6	7	7	5	6	7
13	5	6	7	8	9	7	7	7	8	8	10	12	16	15	12	13	13	13	8	1	0	1	1	3	8
14	2	10	4	8	7	1	2	3	6	8	20	26	33	32	32	34	15	4	3	9	13	20	10	8	13
15	12	2	4	14	5	2	1	2	4	4	12	17	22	****	24	20	19	9	4	5	5	7	4	7	9
16	9	13	21	14	7	2	1	3	6	9	11	12	13	12	12	10	10	8	7	4	0	0	0	0	8
17	-	0	0	****	0	1	2	3	7	11	18	25	25	30	25	22	23	****	****	****	****	****	****	****	******
18	****	****	****	****	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
19													- DATA INVALID -												
20													- DATA INVALID -												
21													- OATA INVALID -												
22	****	****	****	****	****	****	****	****	****	19	19	21	18	19	22	21	27	30	27	13	3	3	26	****	******
23	32	23	13	7	1	1	2	3	12	21	19	18	21	14	19	18	22	26	18	0	21	23	5	7	14
24	0	5	12	7	3	1	1	2	4	6	9	12	13	23	21	17	17	15	11	1	0	0	0	10	8
25	16	22	24	23	-	****	4	3	3	****	4	4	3	3	4	3	3	4	5	5	5	5	4	5	7
26	17	14	17	13	5	5	5	12	11	11	11	16	22	24	22	24	20	29	13	12	7	11	3	8	14
27	9	3	4	12	15	10	11	16	18	21	20	22	23	26	27	35	32	32	24	3	14	16	18	14	18
28	7	0	0	1	1	1	1	5	10	16	18	18	23	25	17	11	16	16	5	1	1	1	0	0	8
29	0	0	1	3	1	1	1	1	3	6	****	7	20	23	19	21	19	25	13	6	2	3	2	2	8
30	2	2	1	2	2	2	3	6	10	15	25	27	39	43	31	46	49	43	40	29	25	10	10	4	19
31	3	11	8	2	2	3	4	5	17	35	32	36	39	54	63	52	52	53	57	36	3	3	10	15	25
MEAN	8	9	10	10	7	5	4	6	9	13	16	18	20	22	22	22	23	20	16	12	9	9	8	6	12 9

PERCENTAGE OF DATA VALID - 80.5 PERCENTAGE OF DATA INVALIO - 19.1 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	3	16	18	27	30	38	****	-	-	38	39	44	35	25	10	15	8	2	2	17
2	2	2	7	10	26	19	13	11	11	14	16	21	30	38	43	45	46	44	34	20	4	1	4	12	20
3	22	24	19	17	9	6	18	25	31	34	38	51	61	66	61	59	55	52	49	37	11	2	2	2	31
4	2	2	30	24	7	10	20	22	28	33	****	50	53	44	49	56	53	47	15	5	13	32	31	18	28
5	29	36	26	25	9	3	3	5	5	7	11	-	17	12	13	12	12	11	10	12	7	8	6	4	12
6	3	3	2	14	10	9	8	12	14	17	21	22	23	19	19	18	15	10	11	21	21	17	13	4	14
7	7	16	12	5	6	2	4	7	13	16	28	41	30	39	51	52	65	78	69	50	11	2	2	3	25
8	5	19	15	9	27	12	9	8	15	20	15	16	22	29	30	34	30	34	22	21	24	10	11	9	19
9	2	1	1	1	2	9	13	19	35	47	45	****	61	74	78	72	71	63	47	46	46	46	39	35	37
10	40	43	40	26	12	8	11	10	26	26	34	46	55	57	57	56	56	48	42	33	15	14	11	18	33
11	20	22	21	20	16	9	4	7	7	****	****	****	****	****	****	****	****	-	-	****	****	****	****	****	******
12	****	****	****	****	****	2	3	5	9	12	11	10	9	9	6	6	5	6	****	6	1	2	2	2	6
13	3	6	5	5	4	2	3	5	9	12	12	13	15	13	12	11	12	13	11	6	2	2	3	3	8
14	1	2	2	1	****	3	****	****	20	****	18	22	33	43	36	38	44	47	53	43	31	35	36	23	27
15	7	29	42	28	38	20	6	18	32	44	****	****	64	67	70	77	83	86	79	69	71	71	67	64	51
16	62	57	56	51	39	31	27	37	38	48	51	64	82	84	90	93	91	90	79	84	73	60	35	42	61
17	26	6	7	14	10	13	45	62	69	72	80	82	82	83	85	85	85	81	70	68	36	30	27	29	52
18	23	16	19	19	21	14	11	11	12	****	****	34	42	42	43	46	47	45	41	27	4	3	3	2	24
19	1	1	1	3	2	2	3	6	14	****	14	20	18	22	23	21	27	29	28	29	20	25	24	27	16
20	26	28	24	4	2	7	****	13	17	20	30	34	41	46	49	57	48	45	29	52	54	27	32	22	31
21	24	21	50	46	13	17	4	6	1	5	9	12	14	18	28	31	33	43	36	27	37	24	32	20	23
22	8	9	14	16	15	9	3	2	8	11	13	13	****	4	3	3	-	3	2	3	3	6	6	7	7
23	7	11	14	13	10	7	4	4	4	4	5	5	5	6	6	5	4	3	2	3	2	3	2	2	5
24	1	4	****	9	5	6	12	****	12	11	13	14	17	18	18	18	15	13	12	9	3	4	5	7	10
25	10	10	7	7	4	1	1	3	9	10	23	16	16	18	16	16	-	19	17	14	11	****	1	0	10
26	0	0	0	0	0	0	0	3	7	13	16	15	22	25	****	54	54	43	39	14	3	15	27	31	17
27	16	34	50	58	16	14	9	6	20	31	40	50	25	24	26	19	33	28	39	32	27	4	2	7	25
28	14	12	27	30	24	12	1	4	9	95	****	40	53	58	43	44	51	54	49	40	30	47	32	21	34
29	6	20	4	15	9	8	7	12	****	22	21	42	55	35	22	9	7	21	12	****	****	****	****	-	18
30	21	10	24	16	12	9	9	10	19	21	27	25	19	31	38	-	47	44	43	33	38	41	39	40	27
MEAN	13	15	19	17	13	9	10	13	18	26	25	30	36	37	38	38	42	39	34	29	22	20	18	16	23.8

PERCENTAGE OF DATA VALID - 92.8 PERCENTAGE OF DATA INVALID - 6.0 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	41	43	42	31	37	24	27	29	30	27	19	20	29	29	35	36	38	31	18	15	4	4	5	9	26
2	6	****	****	****	****	2	13	12	10	5	4	3	4	4	5	5	9	6	4	1	****	0	1	2	5
3	4	8	5	4	3	****	0	0	3	****	****	1	2	2	2	1	1	2	2	3	2	0	****	****	2
4	****	****	0	0	****	****	0	0	2	2	4	4	4	6	4	3	4	4	4	2	3	3	1	3	3
5	1	3	8	6	3	1	0	2	3	3	4	****	7	8	8	5	6	5	4	2	****	****	0	1	4
6	1	3	2	3	0	****	0	0	1	5	9	9	13	15	13	10	8	9	8	5	2	0	1	0	5
7	0	0	3	2	****	****	0	1	8	19	27	30	24	32	31	34	33	35	40	37	15	8	****	****	19
8	****	****	****	****	****	****	3	14	24	39	29	43	53	57	68	66	67	63	56	52	38	24	25	****	42
9	****	****	9	****	0	2	20	21	17	23	****	40	46	40	58	54	58	62	49	16	****	****	21	53	33
10	65	52	39	34	29	24	10	13	12	3	4	-	10	24	38	39	5	5	24	14	14	1	0	1	20
11	7	9	13	7	****	****	****	1	10	16	27	48	61	****	49	48	31	31	31	21	19	15	****	****	25
12	****	****	****	****	****	****	****	0	10	21	15	49	78	****	72	67	66	63	56	46	39	****	****	18	******
13	****	****	****	****	****	****	****	8	10	****	****	58	70	54	50	46	55	48	49	24	7	31	30	****	******
14	****	****	****	****	****	****	****	45	35	33	50	65	74	95	105	126	106	93	89	72	63	40	29	15	67
15	****	2	****	14	24	50	46	56	68	71	79	89	90	44	64	78	73	70	56	35	30	0	1	0	47
16	1	0	0	0	0	0	0	3	13	23	48	59	99	54	18	13	8	11	10	6	1	1	2	5	16
17	4	7	9	9	4	1	0	-	4	****	10	21	14	19	24	23	25	27	11	3	3	3	3	5	10
18	8	9	10	9	3	0	0	1	3	10	19	35	38	39	30	32	41	61	54	21	13	0	0	0	18
19	0	0	0	0	0	0	0	1	5	16	25	26	36	44	48	52	57	56	50	46	33	8	0	0	21
20	2	6	4	1	0	0	1	4	26	43	65	70	78	77	63	43	40	50	47	59	51	13	12	0	31
21	****	4	0	0	0	0	1	22	39	56	72	71	73	96	115	109	97	92	86	89	79	25	1	0	49
22	0	18	39	38	42	43	-	43	57	77	75	65	67	64	56	63	86	90	94	85	71	21	0	0	52
23	****	0	11	9	8	1	0	2	7	16	****	72	84	82	89	84	88	76	56	67	59	64	59	37	44
24	37	37	38	38	11	13	14	19	21	27	****	39	49	58	49	48	47	37	38	38	37	44	30	29	35
25	26	20	31	24	18	7	7	5	8	13	16	19	28	29	36	36	35	37	20	16	21	14	6	7	20
26	10	3	3	4	13	6	4	4	8	4	****	5	5	4	3	5	6	5	6	10	11	10	9	6	6
27	5	8	6	8	3	2	2	2	3	7	18	16	26	-	42	58	71	78	59	43	15	16	20	19	23
28	5	4	2	1	1	3	7	8	11	17	26	30	38	45	51	43	31	29	17	7	4	3	2	1	16
29	2	2	1	1	1	2	4	10	12	22	36	41	51	50	48	53	56	67	69	****	55	5	2	1	26
30	1	1	1	1	1	2	3	6	13	29	41	51	55	50	35	43	69	89	87	77	55	60	54	44	36
31	42	51	31	20	18	5	7	3	13	25	****	****	23	35	35	28	8	10	5	5	11	12	10	8	18
MEAN	12	12	12	11	10	9	7	11	16	23	30	39	43	41	43	44	43	43	39	31	27	15	12	10	25.3

PERCENTAGE OF DATA VALID - 88.8 PERCENTAGE OF DATA INVALID - 10.6 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	18	28	28	23	8	2	2	3	9	13	11	****	22	28	21	26	26	25	22	25	23	25	28	18
2	24	27	29	20	14	21	14	17	19	17	22	17	17	11	9	10	9	10	11	10	1	0	0	0	14
3	0	0	0	0	0	0	****	9	23	21	35	39	43	53	58	62	50	32	28	50	35	16	8	3	25
4	3	3	14	25	7	1	3	18	29	41	70	78	68	74	71	77	75	71	24	3	1	0	0	0	32
5	0	3	14	19	12	9	7	20	26	31	32	40	40	34	28	28	24	23	17	10	5	1	4	11	18
6	17	17	27	30	26	10	7	7	8	9	12	16	20	23	26	27	29	28	29	23	10	6	0	0	17
7	0	0	0	0	0	0	0	2	5	5	4	7	****	20	23	21	52	65	48	21	15	8	5	4	13
8	1	1	3	3	0	0	0	0	0	1	1	9	15	22	18	9	7	6	3	1	0	0	0	0	4
9	0	0	0	3	0	0	1	8	11	18	18	19	19	****	16	17	18	17	16	17	19	15	11	13	11
10	13	11	7	4	2	2	1	0	0	2	****	17	18	15	11	9	11	11	9	9	6	7	9	5	8
11	4	10	9	7	7	4	3	2	3	5	8	10	12	19	25	24	23	22	9	4	5	3	2	2	9
12	2	2	3	2	1	0	1	3	14	20	21	22	22	20	21	23	24	24	17	2	3	2	1	2	11
13	0	0	0	0	0	0	1	2	7	****	22	25	29	32	31	32	26	37	39	42	39	37	34	35	20
14	36	29	19	22	8	0	0	1	5	7	6	4	4	4	2	2	2	2	-	3	2	2	3	5	7
15	7	5	7	6	5	1	0	1	3	3	****	****	9	8	8	6	6	6	5	4	2	2	2	2	4
16	2	2	3	4	2	2	3	3	6	14	18	23	20	19	31	41	41	34	26	22	6	3	3	2	14
17	2	2	1	2	2	3	4	5	9	10	18	18	21	20	18	19	20	15	6	10	15	12	19	26	12
18	18	22	19	24	22	18	18	23	20	14	12	13	16	17	14	9	8	3	2	1	1	1	1	1	12
19	1	1	1	1	5	4	7	14	17	16	17	20	23	49	60	64	57	59	59	51	28	2	1	1	23
20	1	3	2	1	3	1	1	2	5	10	23	27	20	19	24	22	19	20	15	15	10	3	3	3	11
21	3	2	2	1	1	2	3	4	8	18	28	34	29	32	26	23	20	20	13	2	3	3	2	1	12
22	2	1	1	1	1	2	3	5	11	****	24	29	31	31	27	33	31	27	32	20	20	23	23	24	17
23	20	15	15	18	17	12	7	8	5	8	12	****	8	6	8	14	19	16	22	25	22	20	18	15	14
24	9	1	8	16	12	3	4	6	9	16	23	22	26	29	21	22	31	36	38	31	40	35	30	25	21
25	13	18	20	17	15	7	6	10	15	17	21	28	31	35	38	43	37	35	22	5	4	5	2	1	19
26	1	1	1	1	1	1	2	6	14	26	25	27	26	24	27	28	26	20	14	7	7	2	5	5	12
27	4	17	19	14	10	2	2	3	11	16	****	37	39	34	39	39	43	53	38	34	29	26	13	9	23
28	2	1	1	1	2	4	6	6	11	14	25	31	35	43	40	41	40	40	29	28	32	32	23	30	22
29	30	23	20	11	19	16	7	11	15	15	11	12	18	22	23	22	34	0	0	0	0	0	0	0	13
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	1	1	1	1	1	0
31	1	3	2	3	2	1	2	3	10	17	21	****	23	25	23	29	30	29	24	13	5	8	9	3	12
MEAN	7	8	9	9	7	4	4	6	10	14	19	23	24	25	26	26	27	25	21	16	13	10	8	8	14.5

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	2	2	2	4	19	34	34	42	50	76	86	89	73	65	60	67	68	41	33	27	37
2	41	45	40	27	23	30	28	27	25	25	31	30	27	32	34	33	38	35	34	29	32	32	27	20	31
3	14	9	9	11	13	10	7	9	12	11	16	16	15	15	14	12	11	7	3	3	3	1	1	3	9
4	4	3	6	7	4	1	2	2	4	****	****	17	18	20	20	20	23	23	21	15	8	10	4	7	11
5	3	3	3	3	3	4	4	6	16	28	25	28	32	28	30	28	35	36	42	6	4	3	4	2	16
6	2	2	4	5	2	2	2	3	3	7	24	30	29	31	24	14	14	17	14	12	10	7	7	8	11
7	8	10	10	7	5	4	2	3	****	47	6	1	1	1	1	1	0	1	0	0	1	3	6	6	5
8	7	8	9	8	4	3	1	3	6	8	8	11	11	15	23	26	20	16	13	3	0	0	0	0	8
9	0	0	0	0	0	0	0	3	9	15	21	****	26	31	29	31	31	29	23	14	16	10	1	2	13
10	9	12	3	16	10	0	0	6	10	19	25	27	16	15	6	1	1	1	4	4	2	0	0	0	8
11	0	0	0	0	0	1	2	2	2	4	10	18	19	24	20	-	26	28	11	12	1	0	0	0	8
12	0	4	1	15	14	6	2	9	12	12	13	16	17	22	25	26	28	27	6	1	7	6	18	22	13
13	17	9	14	14	5	2	3	16	22	31	35	36	38	44	46	41	44	46	36	26	30	27	26	26	26
14	31	32	28	35	26	1	1	2	0	0	****	2	2	3	3	4	4	2	0	0	0	0	0	0	8
15	0	0	0	2	1	0	0	1	4	5	6	7	8	7	9	9	6	2	0	0	0	0	0	0	3
16	0	1	2	0	0	0	0	0	1	12	20	26	32	33	37	34	20	27	24	14	5	6	12	17	13
17	7	16	12	13	4	0	0	2	11	****	****	****	37	46	34	29	32	43	36	29	23	30	36	41	23
18	39	37	30	26	21	5	0	7	17	26	30	36	41	49	40	16	15	9	5	****	0	0	0	1	20
19	2	5	12	11	3	0	0	3	8	8	8	10	9	10	9	6	6	****	0	1	1	0	0	0	5
20	0	0	0	0	0	1	2	1	1	4	6	15	16	22	20	19	21	21	16	13	20	17	16	1	10
21	****	****	****	****	0	0	0	0	0	2	9	2	3	2	1	0	0	0	****	0	****	****	****	****	******
22	0	0	0	0	0	0	0	1	1	4	3	4	5	6	8	5	3	2	0	0	****	0	0	0	2
23	0	0	0	0	0	0	0	1	5	10	14	13	14	16	18	19	17	13	2	****	0	0	0	0	6
24	0	0	0	0	0	0	0	1	5	9	****	14	17	17	18	23	26	24	17	18	7	1	****	0	9
25	0	0	0	0	0	0	****	****	0	1	4	12	17	21	24	20	8	1	****	16	****	****	0	****	7
26	0	3	16	12	3	****	0	0	0	3	9	12	20	24	13	1	4	7	4	0	0	0	0	0	6
27	0	0	0	0	0	0	2	0	0	0	1	7	14	24	26	27	29	26	7	1	0	16	10	1	8
28	****	5	5	6	****	****	0	0	1	5	****	9	5	4	4	7	12	5	****	5	4	****	0	0	4
29	0	****	****	****	****	****	****	0	1	5	11	21	31	42	39	43	38	27	25	17	9	8	1	0	18
30	0	0	0	0	****	0	0	0	3	12	10	13	16	16	25	28	20	7	5	****	0	1	0	0	7
MEAN	7	7	7	8	5	3	2	4	7	12	15	17	20	23	23	21	20	19	15	11	9	8	7	7	11.7

PERCENTAGE OF DATA VALID - 93.8 PERCENTAGE OF DATA INVALID - 6.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	4	10	9	4	0	0	0	****	0	4	12	11	13	4	6	9	10	10	****	****	****	****	****	6
2	****	****	****	****	****	****	****	0	****	****	2	12	4	1	3	0	****	4	3	11	1	3	3	2	******
3	1	8	8	6	2	****	****	****	3	2	0	0	****	0	0	0	****	1	1	****	****	****	****	3	******
4	6	8	6	1	2	****	****	****	4	3	****	****	****	0	0	0	0	0	0	****	****	****	****	****	******
5	****	****	****	****	****	****	****	****	****	****	0	0	1	0	0	****	****	****	****	****	****	****	****	0	******
6	0	2	5	2	2	1	****	0	1	4	4	3	7	10	7	11	16	13	10	9	9	9	4	4	6
7	0	0	0	4	10	6	3	3	3	4	1	1	1	0	0	0	0	0	0	****	****	****	****	****	2
8	****	-	2	8	5	****	0	1	5	10	11	9	9	9	8	3	****	0	****	0	1	0	1	3	4
9	****	0	2	1	0	0	0	0	0	1	-	****	4	5	3	1	0	0	0	0	****	****	****	****	1
10	****	****	-	-	-	****	0	0	0	0	3	6	8	5	4	6	5	4	****	****	****	****	0	****	******
11	****	****	****	****	****	****	****	0	0	1	3	4	****	13	****	9	11	13	13	8	10	13	15	12	******
12	15	16	18	19	13	8	1	2	3	4	6	8	11	12	11	4	3	3	2	4	4	4	6	5	8
13	10	14	14	13	9	7	4	6	8	6	4	5	7	8	9	7	6	3	2	2	2	2	3	2	6
14	2	3	3	7	9	4	2	4	6	9	10	13	11	9	10	8	6	4	3	3	3	2	4	6	6
15	7	7	8	8	4	3	3	-	2	****	3	6	13	15	11	8	5	2	2	3	3	3	3	3	6
16	4	4	8	8	4	3	4	4	5	10	12	-	18	18	18	15	16	10	4	4	4	3	3	4	8
17	4	4	4	3	4	5	5	-	-	5	5	6	6	6	5	5	4	2	3	4	5	5	5	6	5
18	5	3	7	7	5	4	4	4	4	7	5	7	****	11	11	9	****	4	4	4	6	8	9	5	6
19	3	2	3	9	17	10	4	3	****	7	8	11	11	12	****	-	-	3	3	13	16	27	26	25	11
20	8	5	11	11	19	16	3	8	8	11	18	21	24	30	29	29	22	15	21	6	19	18	16	16	16
21	17	15	14	11	5	3	1	8	11	18	24	27	28	27	28	30	34	28	25	14	5	2	3	8	16
22	7	6	14	8	2	2	2	2	3	6	14	16	23	25	21	20	11	9	5	6	8	4	4	9	9
23	5	13	18	7	1	5	4	2	2	3	4	4	4	****	4	4	3	3	5	6	6	5	3	4	5
24	7	8	10	11	10	6	3	3	4	4	3	3	3	****	****	****	****	****	****	0	0	-	****	0	5
25	2	4	4	6	2	****	****	****	0	2	3	3	2	2	2	1	0	1	1	2	6	6	5	5	3
26	8	7	10	8	5	0	0	0	0	0	1	2	1	-	1	1	0	0	1	2	1	2	0	0	2
27	3	3	4	7	8	4	0	0	1	13	13	14	12	10	7	6	1	5	10	9	13	2	0	0	6
28	1	1	1	6	8	4	0	0	0	1	1	3	6	2	1	0	0	0	0	0	0	0	0	2	2
29	2	2	6	4	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1
30	3	6	5	10	10	9	1	2	1	2	4	1	7	7	8	4	6	4	7	10	12	13	12	10	6
31	11	8	7	6	8	6	1	0	2	6	5	6	7	9	5	1	0	0	0	0	2	1	****	0	4
MEAN	5	6	7	7	6	5	2	2	3	5	6	7	9	9	8	7	7	5	5	5	6	6	5	5	5.8

PERCENTAGE OF DATA VALID - 84.3 PERCENTAGE OF DATA INVALID - 14.0 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	11	18	17	13	3	2	2	0	1	1	2	0	1	1	1	0	0	****	3	1	2	1	4
2	0	1	1	1	2	1	0	0	0	1	3	****	11	10	8	7	2	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	1	4	6	8	11	13	17	16	12	3	0	0	0	0	0	-	4
4	0	0	0	0	0	0	0	0	2	5	7	6	4	1	3	1	1	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	1	0	0	1	****	3	5	5	4	4	0	2	4	3	2	0	0	0	1
6	0	0	0	0	0	0	0	0	1	0	0	0	****	****	****	****	****	****	0	0	0	0	0	0	0
7	0	0	0	2	2	1	0	****	****	1	1	1	1	0	****	3	3	4	5	8	10	10	4	1	3
8	3	2	2	4	6	-	****	5	5	4	3	3	4	5	4	4	3	3	4	5	4	4	4	4	4
9	4	3	3	3	3	3	3	4	6	4	4	5	6	7	8	4	4	4	4	-	8	7	6	4	5
10	4	3	3	3	3	5	4	4	6	7	8	9	12	8	8	6	5	4	5	5	4	7	6	5	6
11	7	6	-	5	4	4	4	4	5	5	8	10	-	7	6	7	6	5	4	3	2	3	2	2	5
12	2	4	8	-	6	6	2	0	2	5	13	13	14	14	13	10	8	7	4	4	4	4	4	4	7
13	4	3	2	2	2	2	3	3	4	3	3	5	6	6	6	6	5	4	4	4	3	4	3	3	4
14	3	3	3	4	3	5	3	4	4	4	6	8	7	5	5	4	4	3	4	4	3	4	4	3	4
15	3	2	2	2	2	2	2	3	3	2	6	6	3	2	3	3	3	3	3	3	3	3	7	10	3
16	12	16	16	15	18	8	1	0	4	7	13	15	17	17	16	14	8	6	7	4	5	3	3	5	10
17	7	7	9	9	8	9	6	5	6	5	6	7	7	8	9	6	4	4	5	6	7	6	6	6	7
18	6	6	5	5	4	4	4	4	5	6	7	9	7	10	11	8	11	6	8	5	10	5	10	10	7
19	15	14	11	9	5	4	5	5	5	5	5	5	6	8	6	5	6	8	6	4	4	4	4	3	6
20	3	3	5	4	3	4	5	5	5	5	6	****	5	5	2	1	0	0	0	0	0	0	1	5	3
21	6	9	12	13	10	4	1	1	3	4	8	10	10	8	7	1	5	-	8	2	1	0	0	0	5
22	0	0	4	1	0	0	0	0	0	0	0	0	1	0	0	2	5	0	4	7	1	2	1	1	1
23	0	3	5	0	0	0	0	1	0	1	1	0	1	1	0	0	0	0	0	0	1	0	0	0	1
24	0	0	0	3	5	2	0	0	3	2	2	3	7	13	11	9	7	0	0	0	0	****	0	0	3
25	0	0	0	0	0	0	0	0	0	1	3	2	1	6	7	8	5	2	0	0	2	3	2	1	2
26	0	0	0	3	8	3	0	2	3	4	****	7	13	12	12	11	11	12	15	13	15	14	14	16	8
27	14	12	13	14	16	13	7	2	1	1	5	8	9	9	9	8	1	0	0	0	0	0	0	0	6
28	0	0	0	0	2	3	1	0	0	2	3	2	6	2	1	1	1	1	2	1	1	1	0	0	1
29	0	0	1	1	2	0	****	****	****	0	1	1	2	1	****	****	****	****	****	****	****	****	****	****	******
30	****	****	****	****	****	****	****	****	****	****	****	2	3	2	2	3	0	****	****	****	****	****	****	****	******
MEAN	3	3	4	4	5	3	2	2	3	3	5	5	6	6	7	5	4	3	3	3	3	3	3	3	4.0

PERCENTAGE OF DATA VALID - 92.5 PERCENTAGE OF DATA INVALID - 6.5 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. ****** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	1	0	3	****	****	1	0	0	0	****	****	****	****	****	****	0	0	1	******
2	1	1	2	2	2	5	4	7	6	7	6	9	8	4	7	2	0	****	****	****	****	****	****	****	4
3	****	****	1	1	1	0	****	****	****	1	****	9	13	12	11	5	****	0	****	2	2	3	4	1	4
4	1	1	2	2	0	0	****	****	****	0	1	1	3	2	1	0	0	0	0	0	0	0	0	0	1
5	****	****	0	****	1	0	0	****	0	0	0	3	2	****	18	20	14	17	21	23	25	28	28	29	12
6	29	27	26	22	15	2	0	0	0	0	0	0	0	1	0	0	0	0	****	0	****	****	****	****	6
7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	2	2	2	8	5	7	5	2	******
8	3	6	10	14	15	15	12	9	9	8	7	9	****	6	9	7	6	5	****	7	6	7	4	4	8
9	4	4	5	9	13	16	15	14	12	10	12	9	9	7	7	8	6	6	5	4	3	4	5	6	8
10	8	8	7	4	7	5	3	4	4	6	7	5	3	5	5	5	5	6	5	4	3	3	3	4	5
11	3	6	12	15	16	15	10	6	5	9	14	15	17	17	14	15	14	14	15	15	7	15	21	21	13
12	17	22	22	22	22	19	9	4	5	5	5	6	7	****	3	3	2	3	4	****	****	****	****	****	10
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	1	1	2	2	1	4	4	******
14	2	5	7	4	4	3	1	1	2	3	5	5	5	****	5	4	3	2	3	2	2	2	1	1	3
15	0	0	1	1	1	0	1	1	3	8	7	8	10	8	6	6	2	1	1	1	1	0	0	0	3
16	1	1	0	1	1	1	1	1	2	3	3	3	3	2	3	5	6	6	7	9	9	9	9	9	4
17	11	15	16	18	18	10	3	1	2	3	6	10	12	6	5	4	2	4	2	5	5	6	5	4	7
18	8	12	12	13	9	8	3	2	3	3	4	4	4	5	4	2	1	1	1	1	1	9	8	7	5
19	13	15	14	5	4	4	5	1	1	2	3	4	4	4	3	3	3	3	3	3	3	3	3	3	5
20	3	3	3	3	3	3	2	3	3	3	4	4	5	5	4	4	4	4	5	6	5	6	6	6	4
21	6	6	6	5	5	5	5	6	7	8	8	7	9	10	9	8	6	5	3	3	3	3	3	5	6
22	3	4	4	4	5	5	6	4	5	5	7	6	5	3	3	3	3	3	3	3	3	3	3	3	4
23	3	3	3	3	3	3	4	4	4	5	6	6	4	5	4	4	4	4	4	4	4	4	4	4	4
24	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	4	4
25	4	3	3	3	3	4	4	4	5	7	7	7	7	7	7	7	8	9	10	11	10	10	11	11	7
26	13	15	18	16	16	16	16	11	11	10	8	7	6	6	5	4	5	5	5	5	3	3	4	5	9
27	7	7	9	17	15	9	7	4	5	6	6	8	9	9	****	7	6	4	4	4	3	5	6	8	7
28	12	14	16	17	16	11	5	3	3	5	7	7	8	7	7	6	5	4	4	3	3	3	3	3	7
29	3	3	3	4	4	5	6	4	3	6	8	9	10	9	9	7	5	4	6	7	7	8	6	5	6
30	5	6	5	7	11	8	2	2	3	7	10	13	14	13	12	9	6	4	4	4	3	3	3	3	7
31	3	2	2	2	2	2	2	2	3	3	7	9	8	9	8	7	5	3	3	3	3	3	3	-	4
MEAN	6	7	8	8	8	6	5	4	4	5	6	6	7	6	6	5	4	4	5	5	5	5	6	6	5.8

PERCENTAGE OF DATA VALID - 88.7 PERCENTAGE OF DATA INVALID - 11.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	4.9	10	19
FEB	28	7.1	16	28
MAR	26	8.9	18	54
APR	27	10.9	22	48
MAY	25	12.9	25	67
JUN	29	23.8	61	95
JUL	29	25.3	67	126
AUG	31	14.5	32	78
SEP	29	11.7	37	89
OCT	25	5.8	16	34
NOV	28	4.0	10	18
DEC	28	5.8	13	29
YEAR	334	11.3	67	126

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 35033 EVANS/ARNOLD AVE. ETOBICOKE

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	612	89	0	0	0	0	0	0	701
FEB	486	169	0	0	0	0	0	0	655
MAR	413	214	8	2	0	0	0	0	637
APR	378	252	28	0	0	0	0	0	658
MAY	309	242	39	9	0	0	0	0	599
JUN	221	245	122	63	17	0	0	0	668
JUL	295	133	112	94	22	4	1	0	661
AUG	365	279	67	20	0	0	0	0	731
SEP	408	196	63	6	2	0	0	0	675
OCT	524	102	1	0	0	0	0	0	627
NOV	612	54	0	0	0	0	0	0	666
DEC	572	88	0	0	0	0	0	0	660
YEAR	5195	2063	440	194	41	4	1	0	7938

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
90.6	0	0.0	2.4	5.8	11.9	27.7	39.9	58.0	71.1	126	11.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15	-	-	-	-	-	-	-	-	-	-	-	62	68	70	73	75	74	72	66	75	66	62	57	67	******
16	66	63	61	55	49	43	39	39	50	65	74	80	83	89	84	84	81	84	85	64	56	33	29	41	62
17	41	37	53	62	69	73	64	60	60	64	74	71	73	72	75	72	73	76	72	84	53	49	40	38	63
18	36	33	26	25	25	22	18	18	24	23	26	33	41	50	55	57	69	56	46	40	27	0	0	3	31
19	0	0	0	0	0	6	6	17	23	30	34	****	33	41	42	39	36	35	33	37	40	37	19	8	22
20	11	12	9	11	5	4	9	33	34	28	27	33	39	54	56	64	66	56	52	55	42	20	2	42	32
21	42	37	34	39	35	20	17	18	18	16	20	29	39	38	45	46	47	53	54	40	30	26	31	33	34
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25	****	****	****	****	****	****	****	****	****	****	****	36	41	42	34	34	36	32	32	33	28	0	0	0	******
26	0	0	0	0	0	0	3	10	27	36	37	29	33	42	54	51	44	52	58	50	48	29	30	34	28
27	28	56	60	64	48	28	19	27	30	31	40	52	58	58	41	32	18	42	21	58	32	29	25	21	38
28	46	61	52	50	38	28	29	25	22	34	45	61	59	48	46	62	71	74	64	54	48	18	37	46	47
29	43	51	44	51	53	50	42	37	45	37	****	41	47	48	45	41	46	48	50	46	34	2	15	40	42
30	46	41	36	36	36	30	35	37	42	39	40	39	45	48	53	51	37	29	31	57	56	51	27	1	39
MEAN	33	36	34	36	33	28	26	29	34	37	42	47	51	54	54	54	54	55	51	53	43	27	24	29	40.6

PERCENTAGE OF DATA VALID - 40.0 PERCENTAGE OF DATA INVALID - 11.8 PERCENTAGE OF DATA UNAVAILABLE - 48.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	37	37	36	37	34	31	31	20	16	21	19	22	25	30	31	24	22	18	19	20	18	11	6	24
2	5	3	3	3	9	15	18	24	12	8	12	16	16	16	14	20	23	26	24	7	6	10	11	24	14
3	28	26	23	21	16	12	8	10	13	16	20	28	34	30	32	34	30	33	65	59	20	15	15	12	25
4	9	16	15	10	8	0	3	11	16	22	****	26	17	18	20	19	23	24	24	17	14	17	17	20	16
5	21	16	20	19	17	1	2	4	15	20	22	24	29	30	33	25	25	25	22	10	0	14	18	12	18
6	8	11	16	15	2	3	4	8	12	16	29	29	30	31	32	37	40	42	38	25	16	0	0	1	19
7	****	0	1	0	0	0	2	5	11	27	32	33	39	39	41	42	40	33	26	14	12	6	6	2	18
8	2	6	4	2	0	1	****	13	18	24	29	41	55	58	70	73	70	63	61	58	50	3	0	0	30
9	0	0	0	5	9	2	4	6	30	38	41	48	52	49	51	62	77	84	78	51	31	22	0	21	32
10	37	39	26	23	31	25	3	3	4	6	18	****	38	40	38	34	23	25	14	19	20	20	19	18	23
11	21	18	40	34	24	2	13	12	17	42	49	57	62	74	82	51	44	44	54	51	42	9	7	7	36
12	3	18	14	13	16	9	3	12	16	28	41	66	92	103	98	92	83	78	36	47	33	9	8	12	39
13	2	2	0	0	1	10	7	13	22	42	57	64	70	86	96	93	92	77	85	61	58	30	3	11	41
14	29	30	26	19	****	7	9	20	23	26	33	45	65	111	122	120	104	94	87	67	****	9	16	21	49
15	45	52	45	53	50	40	50	55	49	57	61	70	53	54	50	45	44	36	32	4	40	22	8	16	43
16	14	25	****	0	0	0	****	****	23	35	60	72	71	72	65	75	43	27	22	13	15	15	14	16	32
17	14	13	****	****	****	5	****	****	20	29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	54	64	65	68	53	30	23	16	13	******
19	2	1	1	1	1	1	2	6	10	25	35	40	44	46	44	43	59	67	61	35	23	10	8	16	24
20	24	24	22	26	15	10	23	29	36	32	63	****	85	105	99	85	73	82	55	54	31	15	43	35	46
21	23	4	4	6	6	3	9	12	20	52	95	124	144	127	117	103	112	92	83	71	46	35	35	3	55
22	39	51	59	59	54	51	44	47	53	64	67	70	71	76	74	78	74	71	59	61	49	15	35	29	56
23	34	24	15	10	12	2	3	4	14	46	73	95	103	107	115	120	101	84	68	25	46	39	28	24	50
24	11	24	26	24	18	11	8	11	15	23	28	33	****	52	44	32	25	30	34	39	35	25	23	25	26
25	26	26	21	14	10	6	8	8	11	13	15	24	31	32	30	32	30	24	10	14	12	15	8	12	18
26	19	17	18	15	12	6	7	9	12	6	6	8	8	7	7	11	11	9	14	15	10	10	11	12	11
27	13	12	13	8	6	2	2	4	7	13	18	23	26	40	49	50	50	54	55	54	48	15	0	0	23
28	1	4	13	12	5	2	3	11	13	16	29	30	32	35	36	32	25	28	23	6	2	12	8	6	16
29	2	4	3	1	4	6	9	12	15	24	30	37	55	67	67	62	65	72	68	62	17	0	1	4	29
30	11	9	3	0	0	0	5	9	16	32	45	62	73	79	77	75	90	97	43	33	21	21	20	38	36
31	32	24	20	24	13	5	8	10	18	21	19	****	19	24	29	23	21	17	16	13	3	1	10	19	17
MEAN	17	18	17	16	13	9	11	14	19	27	37	46	51	56	57	55	53	51	45	35	26	15	13	15	29.9

PERCENTAGE OF DATA VALID - 93.8 PERCENTAGE OF DATA INVALID - 6.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	27	28	28	28	28	21	24	25	13	24	25	27	28	31	36	37	37	36	31	32	34	35	35	29
2	34	32	26	20	26	29	18	11	15	20	17	23	24	23	20	16	17	19	19	16	1	0	0	4	18
3	13	18	21	22	22	16	15	13	16	22	30	32	51	55	50	50	51	53	52	31	4	3	5	10	27
4	13	22	24	29	30	25	25	25	24	26	45	57	55	54	53	46	45	37	23	3	1	16	38	42	32
5	44	49	46	43	31	25	23	28	33	37	39	44	43	42	39	41	38	35	26	12	12	20	8	18	32
6	30	35	33	30	28	27	20	21	20	21	22	23	28	27	26	28	30	31	33	32	13	0	0	D	23
7	0	0	0	0	0	0	0	2	4	8	8	10	20	24	37	50	54	56	52	43	35	27	17	10	19
8	13	11	10	10	9	7	0	0	1	3	4	6	11	13	19	24	28	16	10	12	1	D	D	0	9
9	6	8	4	5	1	0	1	5	17	19	20	21	25	25	25	22	23	25	25	25	25	26	7	3	15
10	2	14	12	5	7	1	3	1	5	18	27	29	30	23	24	26	28	25	21	6	2	6	7	D	13
11	0	13	17	17	14	10	7	7	9	12	13	11	23	25	26	30	29	27	28	15	4	6	6	10	15
12	13	14	15	13	11	8	7	16	13	18	20	21	23	23	24	25	24	24	21	14	0	0	0	D	14
13	0	0	0	25	1	0	0	1	2	7	19	27	31	31	35	34	36	32	36	34	32	32	36	38	20
14	39	32	24	17	14	2	0	1	11	15	13	11	11	11	12	9	10	13	11	10	10	8	7	9	13
15	11	11	10	10	9	1	3	7	10	10	12	14	14	14	15	15	16	14	9	5	1	D	D	2	9
16	3	3	11	3	0	0	0	6	8	13	20	23	23	24	39	44	49	50	46	9	1	1	D	D	16
17	0	0	0	0	0	0	0	1	4	7	10	13	21	18	16	10	8	11	19	7	19	11	9	14	8
18	22	16	13	21	15	8	13	16	13	15	14	11	13	15	19	22	23	22	17	16	13	7	10	10	15
19	0	3	13	29	38	11	12	24	25	29	33	38	41	45	45	46	46	49	48	16	1	0	0	D	25
20	0	0	0	1	0	0	0	3	5	11	15	24	31	37	40	39	39	31	40	36	17	1	0	1	15
21	0	0	0	0	0	0	0	2	7	15	27	****	73	89	59	45	41	38	18	4	2	D	D	1	18
22	4	7	6	2	1	0	0	6	11	15	****	29	34	37	39	****	****	****	****	****	****	****	****	****	******
23													- DATA INVALID -												
24	****	****	****	****	****	****	****	****	****	****	****	****	****	14	14	13	15	19	25	11	7	11	16	17	******
25	14	11	11	29	13	9	10	13	11	17	19	18	26	21	21	21	22	21	13	9	8	4	5	8	15
26	7	10	13	8	8	14	14	14	13	19	21	29	26	26	26	24	24	27	22	25	19	16	26	****	19
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	20	16	16	12	4	6	6	******
28	13	13	11	10	8	7	19	24	10	46	18	****	****	****	****	****	****	****	****	****	****	****	****	****	******
29													- DATA INVALID -												
30													- DATA INVALID -												
31													- DATA INVALID -												
MEAN	12	14	14	15	13	9	8	11	12	17	20	23	29	30	30	30	31	29	27	18	11	9	10	10	18 D

PERCENTAGE OF DATA VALID - 79.7 PERCENTAGE OF DATA INVALID - 18.7 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5	****	****	****	****	****	****	****	****	****	****	****	****	21	22	22	22	22	22	22	18	15	23	13	9	******
6	4	5	8	72	78	70	26	12	3	4	11	21	28	28	27	23	22	19	17	12	8	9	18	16	23
7	12	12	14	22	25	20	11	4	4	6	****	16	16	18	6	7	6	6	8	6	9	13	12	12	12
8	13	15	17	16	15	13	11	12	15	17	18	19	19	20	30	35	37	37	30	3	1	4	7	9	17
9	10	3	0	0	0	0	0	7	10	18	27	30	29	28	27	30	33	32	24	12	23	2	0	0	14
10	10	12	14	17	8	4	6	11	17	25	29	31	36	28	22	10	15	17	18	14	11	9	3	2	15
11	7	6	5	3	2	0	1	3	7	13	10	****	26	26	28	38	45	52	51	46	16	6	9	11	18
12	25	24	22	9	1	1	0	2	7	22	23	27	35	40	42	32	46	48	44	27	14	9	5	9	21
13	12	8	8	2	0	0	0	13	19	26	41	48	51	54	55	52	30	22	31	33	38	25	19	12	25
14	25	26	45	44	45	39	23	14	20	16	17	16	****	15	18	19	17	9	3	2	4	2	2	2	18
15	2	3	2	4	4	3	1	5	8	12	15	16	18	19	18	21	18	17	9	6	8	9	6	3	9
16	0	5	5	8	10	9	9	9	12	17	17	24	34	35	36	37	36	32	22	12	5	7	18	17	17
17	23	22	28	31	19	2	0	2	11	16	26	33	42	38	36	38	42	42	40	30	23	25	30	36	26
18	38	40	39	31	22	11	7	15	27	38	41	44	49	50	51	53	36	28	18	14	9	6	4	2	28
19	1	9	11	7	1	4	0	6	17	21	21	24	28	30	32	32	28	20	6	0	7	2	3	4	13
20	0	0	0	0	0	0	0	0	2	7	18	20	27	26	26	27	26	27	24	11	2	10	10	3	11
21	4	11	12	7	4	2	0	1	6	13	19	22	27	28	29	24	16	12	8	3	7	9	6	9	12
22	15	15	14	14	14	10	6	4	5	5	10	17	21	24	28	29	29	18	11	9	12	13	13	11	14
23	9	9	8	8	7	6	8	8	10	15	20	20	22	22	24	25	25	25	26	9	0	0	1	0	13
24	0	0	0	0	0	0	0	1	4	18	24	28	35	38	43	49	55	56	50	29	1	0	0	0	18
25	2	10	12	8	5	3	0	0	1	3	7	****	29	13	0	0	40	24	10	18	14	8	13	18	10
26	18	21	19	12	4	2	8	11	15	17	32	35	34	35	28	25	3	0	0	0	0	0	0	0	13
27	0	0	0	0	0	0	2	14	17	24	38	47	44	32	20	23	10	0	0	0	0	0	0	0	11
28	0	0	10	20	9	10	10	13	7	9	7	20	29	26	22	21	12	0	0	0	0	0	0	0	9
29	0	0	0	6	13	18	28	36	42	52	49	45	45	38	35	9	0	0	0	0	0	0	0	0	17
30	0	2	5	18	10	15	19	21	24	39	39	43	43	39	24	17	14	14	8	13	16	15	15	14	19
MEAN	9	10	12	14	12	10	7	9	12	18	23	28	32	30	28	27	26	22	18	13	9	8	8	8	16.4

PERCENTAGE OF DATA VALID - 84.4 PERCENTAGE OF DATA INVALID - 15.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	3	0	4	5	4	-	0	0	0	0	****	7	16	16	20	29	26	10	11	5	0	0	0	8
2	0	0	10	3	2	4	2	0	1	8	21	18	19	26	25	23	24	26	28	33	34	28	27	27	16
3	31	22	22	23	23	18	12	6	11	3	0	1	3	3	5	9	9	7	7	6	10	7	5	8	10
4	8	5	7	4	0	0	0	0	16	14	18	16	19	3	12	6	5	12	10	8	6	6	6	0	8
5	0	3	2	0	7	3	3	1	5	5	6	****	9	10	6	0	0	4	5	6	6	5	7	11	5
6	16	18	13	12	9	6	5	6	7	8	10	7	9	11	10	15	18	14	3	11	18	15	11	7	11
7	7	11	10	11	20	18	15	14	13	13	13	12	11	10	9	12	12	10	7	7	8	6	5	5	11
8	6	10	9	9	11	8	5	10	16	16	15	16	15	12	11	9	12	16	14	16	14	7	4	1	11
9	1	0	0	8	10	10	10	9	11	18	20	20	21	23	20	20	10	8	3	8	3	3	0	0	10
10	0	0	0	0	0	0	0	0	2	9	17	****	7	15	9	6	11	9	4	0	1	5	2	2	4
11	5	2	5	4	0	0	0	1	3	11	12	15	16	17	10	7	9	15	6	4	4	3	4	9	7
12	13	18	17	11	3	1	1	0	4	9	9	13	14	12	4	3	0	0	0	3	5	6	13	15	7
13	12	13	12	9	11	10	10	9	8	11	13	14	14	16	13	13	14	16	3	0	2	11	10	10	11
14	6	5	6	11	11	7	8	10	11	17	18	23	21	19	17	14	16	11	9	8	5	2	6	4	11
15	4	9	10	9	5	4	0	0	0	3	****	9	12	12	13	15	11	4	0	0	0	3	4	4	6
16	5	3	14	15	14	11	3	10	13	15	20	21	21	22	23	23	21	20	17	10	4	3	2	4	13
17	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0
18	0	0	2	13	10	6	3	0	0	3	12	13	14	15	16	13	13	10	13	9	3	0	3	0	7
19	1	1	0	8	16	10	2	6	8	9	9	11	11	14	17	11	10	3	5	14	38	32	31	31	12
20	29	26	25	29	23	16	12	10	11	15	23	27	33	31	33	23	27	10	6	23	22	25	30	29	22
21	25	26	28	28	27	26	22	20	21	25	24	23	27	34	34	34	31	22	18	6	13	11	7	6	22
22	13	20	19	16	15	6	1	4	7	13	17	20	23	30	21	11	18	9	5	4	14	21	7	0	13
23	3	5	15	9	15	9	2	9	11	6	****	3	4	5	4	4	4	4	7	8	8	6	7	9	7
24	11	11	11	13	13	10	8	8	8	8	8	7	9	7	7	6	6	8	8	10	10	8	8	12	9
25	7	12	16	16	13	7	9	5	11	12	19	23	20	16	16	15	10	8	3	7	9	14	11	9	12
26	0	12	18	17	14	7	4	5	8	10	****	12	11	13	19	13	7	3	3	11	2	6	3	0	9
27	0	0	0	0	0	4	4	6	12	20	22	25	24	23	23	22	20	20	19	14	17	14	6	3	12
28	3	12	14	11	7	3	1	6	7	8	8	11	10	10	8	8	7	4	4	5	5	4	5	5	7
29	5	10	9	15	8	5	2	0	5	11	11	13	16	12	10	6	2	0	0	0	0	0	0	0	6
30	0	8	17	18	18	19	22	22	22	22	23	****	17	19	18	19	17	22	21	18	15	13	15	12	17
31	7	10	10	9	8	5	0	0	3	11	14	16	18	21	18	19	15	13	10	0	0	0	0	2	9
MEAN	7	9	10	11	10	8	6	6	8	11	14	14	15	15	14	13	13	11	8	8	9	9	8	7	10.1

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	D	0	0	0	0	1	4	5	5	7	8	5	0	19	2	0	10	16	21	13	11	7	6
2	4	6	3	8	6	4	2	2	2	7	10	13	13	13	14	11	7	6	4	3	2	0	0	0	6
3	0	0	0	0	0	0	0	0	2	7	12	16	21	23	22	20	20	15	6	0	0	4	5	2	7
4	0	1	2	3	2	8	3	6	6	5	8	10	10	11	13	10	10	2	6	3	0	0	0	0	5
5	0	0	0	0	0	0	0	0	0	3	5	5	8	17	16	13	11	6	3	3	4	0	0	0	4
6	0	0	0	0	0	0	0	D	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
7	0	3	13	12	12	11	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	29	0	0	0	0	0	0	3
10	0	0	0	0	4	4	3	0	4	7	13	13	9	9	8	4	5	6	5	5	3	4	2	3	5
11	****	****	3	7	8	8	7	0	0	0	6	8	6	8	9	10	8	8	9	8	4	3	0	1	6
12	0	2	5	11	8	6	0	2	6	****	****	22	20	21	20	19	18	17	8	0	0	0	0	0	8
13	0	0	0	0	0	0	0	****	****	****	****	****	****	8	8	7	1	0	0	0	0	0	1	2	2
14	6	7	6	5	6	3	1	0	1	6	14	14	17	17	18	18	11	6	4	3	0	0	0	0	7
15	0	0	0	0	0	0	1	1	1	2	5	5	4	4	5	3	0	0	0	0	1	1	3	11	2
16	21	23	23	22	22	21	17	15	5	8	14	****	16	15	14	11	11	11	10	10	5	6	7	8	14
17	8	5	5	6	8	8	10	8	8	8	9	10	13	16	16	11	4	0	0	0	0	0	0	0	6
18	0	0	0	0	0	0	0	0	0	0	0	4	6	5	4	0	0	4	11	12	1	0	0	0	2
19	0	0	0	6	6	6	1	0	0	0	1	1	****	6	5	5	2	1	0	0	0	D	0	0	2
20	0	0	0	0	7	9	4	2	4	4	5	7	14	12	14	12	3	0	2	3	0	0	0	5	4
21	17	17	17	18	16	14	14	12	14	18	19	21	22	22	19	17	17	16	15	12	9	7	6	5	15
22	0	0	3	5	5	13	20	20	10	10	16	14	14	11	10	8	8	10	13	14	14	16	17	17	11
23	19	21	20	13	13	7	4	4	1	2	6	11	14	14	10	6	3	0	1	0	1	2	3	4	7
24	0	2	5	7	8	9	10	13	11	9	10	9	15	16	16	15	10	6	7	2	0	1	0	0	8
25	0	0	0	0	0	0	0	1	2	2	3	6	7	9	12	14	13	16	18	13	12	12	11	10	7
26	9	7	5	3	1	0	0	4	4	4	6	11	15	15	18	19	17	16	19	19	18	19	18	15	11
27	13	13	13	14	16	14	11	8	7	9	10	11	****	15	15	13	10	3	1	0	0	4	0	1	9
28	10	7	14	12	11	10	3	5	10	13	14	14	16	15	13	12	10	6	5	5	7	7	6	4	10
29	5	5	6	6	6	7	4	3	2	5	7	7	8	8	7	7	5	4	4	3	3	3	4	4	5
30	4	4	6	7	9	10	7	8	7	7	9	10	12	11	10	9	6	4	4	3	1	0	0	2	6
MEAN	4	4	5	6	6	6	4	4	4	5	7	9	11	11	11	10	8	6	6	5	4	3	3	3	6.0

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - D.D

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	7	7	6	6	4	2	6	9	6	3	3	3	2	1	0	0	0	1	2	7	12	11	4
2	11	11	11	14	16	18	17	15	16	21	25	25	28	25	22	16	12	3	0	0	0	0	1	1	13
3	8	10	8	7	7	7	4	3	3	10	13	****	17	16	15	14	9	9	9	10	9	10	12	9	10
4	9	8	7	7	6	4	2	0	1	3	7	9	10	11	11	9	6	4	6	6	7	5	4	3	6
5	3	3	1	1	0	0	0	2	5	7	10	11	12	17	23	22	20	21	22	23	28	29	26	28	13
6	32	32	32	25	20	17	8	2	1	2	5	5	5	6	4	2	1	1	0	0	0	0	D	0	8
7	0	0	1	0	0	0	0	1	1	3	3	5	3	1	4	5	4	4	8	9	9	6	4	2	3
8	7	9	12	15	17	18	19	19	19	16	17	16	15	17	18	14	13	11	11	12	13	13	14	11	14
9	13	9	11	12	12	12	12	10	10	11	11	10	10	1D	10	7	7	6	6	6	4	1	2	3	9
10	0	0	0	0	0	1	4	4	4	6	4	3	5	6	6	1	1	3	5	2	0	6	7	3	3
11	7	11	12	12	13	12	11	8	7	10	10	14	16	16	15	12	11	11	9	9	14	16	16	17	12
12	18	19	20	20	19	17	10	4	6	7	7	****	11	11	11	9	8	9	8	9	9	11	13	13	12
13	15	15	15	14	11	8	3	0	0	0	0	0	2	2	1	0	0	0	0	0	0	D	10	3	4
14	6	6	6	5	6	4	1	0	2	4	****	11	12	11	10	7	6	5	4	1	1	2	6	9	5
15	4	0	0	D	0	0	0	0	0	1	5	7	11	12	11	10	7	5	2	4	1	0	D	D	3
16	0	0	0	1	1	1	1	1	2	2	2	4	2	1	0	3	11	14	16	17	17	18	19	2D	6
17	22	18	16	17	16	17	6	0	2	7	11	13	16	15	13	10	10	12	13	15	12	11	11	11	12
18	13	12	12	10	9	6	1	0	1	2	6	6	8	7	6	3	0	0	0	9	13	1D	7	5	6
19	5	3	0	0	5	9	5	4	4	3	4	4	4	1	1	4	4	3	1	0	D	0	D	D	3
20	0	0	0	0	0	0	0	0	0	0	0	2	4	3	2	1	0	0	0	0	0	0	0	D	1
21	0	0	0	0	0	0	0	0	1	2	3	6	4	7	5	2	0	0	0	0	D	D	D	D	1
22	0	0	0	0	0	1	1	1	1	3	2	2	2	2	1	1	0	0	D	0	0	D	0	0	1
23	0	0	0	1	2	3	4	5	4	4	4	4	4	4	2	1	4	5	4	3	2	1	D	D	3
24	1	1	0	0	0	0	0	0	0	1	2	3	7	7	4	3	4	1	0	D	0	D	D	D	1
25	0	0	0	0	0	2	3	3	4	7	10	10	11	12	12	12	13	15	15	16	16	16	16	17	9
26	19	19	19	20	20	19	18	14	14	15	16	14	16	14	10	9	8	9	11	9	7	1D	9	11	14
27	11	13	16	19	19	20	14	7	8	12	13	18	16	15	15	17	16	10	8	9	9	11	11	1D	13
28	11	12	13	19	20	16	11	7	8	11	13	14	16	14	11	10	7	7	6	3	2	3	1	2	10
29	7	10	10	11	11	14	13	9	8	9	11	12	14	14	14	11	9	5	5	5	4	4	4	2	9
30	4	4	3	6	8	11	12	12	12	13	16	18	16	14	15	10	0	0	0	0	0	D	D	D	7
31	0	D	1	D	7	10	2	0	D	0	7	9	9	9	1D	6	3	3	3	3	0	D	2	3	4
MEAN	7	7	8	8	8	8	6	4	5	6	8	9	10	1D	9	7	6	6	6	6	6	6	7	6	7.D

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - D 0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN	11	40.6	63	89
JUL	29	29.9	56	144
AUG	23	18.0	32	89
SEP	25	16.4	28	78
OCT	31	10.1	22	38
NOV	30	6.0	15	34
DEC	31	7.0	14	32
YEAR	180	16.0	63	144

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44008 HWY2/NORTH SHORE BLVD E.BURLINGTON

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN		DATA UNAVAILABLE							
FEB		DATA UNAVAILABLE							
MAR		DATA UNAVAILABLE							
APR		DATA UNAVAILABLE							
MAY		DATA UNAVAILABLE							
JUN	29	54	116	81	8	0	0	0	288
JUL	170	273	118	96	24	13	4	0	698
AUG	203	285	90	14	1	0	0	0	593
SEP	258	256	80	14	0	0	0	0	608
OCT	426	296	14	0	0	0	0	0	736
NOV	541	164	1	0	0	0	0	0	706
DEC	517	221	3	0	0	0	0	0	741
YEAR	2144	1549	422	205	33	13	4	0	4370

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
85.1	0	0.0	4.2	10.2	18.1	38.8	52.6	71.3	83.1	144	16.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	12	12	8	11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
2												- DATA INVALID -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	15	14	11	10	10	11	11	11	10	******
10	9	10	11	11	12	11	11	8	11	15	18	18	19	12	18	15	14	5	9	2	3	5	10	6	11
11	6	5	3	2	2	2	1	0	0	2	10	14	17	17	16	15	11	2	1	1	1	1	1	1	5
12	0	0	2	2	2	2	2	1	1	7	14	10	18	15	18	18	13	4	0	0	0	0	0	0	5
13	0	0	0	0	5	13	14	11	10	10	11	11	11	10	11	11	11	11	13	12	11	11	10	7	9
14	3	2	2	1	1	2	1	2	2	15	15	16	16	17	21	20	18	18	17	16	17	18	18	18	12
15	20	21	20	19	18	18	15	13	11	13	14	14	****	15	13	13	11	6	5	7	10	9	13	12	13
16	12	10	7	4	3	3	2	2	2	7	11	13	14	16	15	13	9	0	0	0	0	0	0	0	6
17	0	0	0	0	0	0	4	4	7	13	9	6	6	5	3	2	0	3	7	11	13	11	9	13	5
18	12	13	13	13	13	14	10	9	6	14	17	17	18	18	17	15	10	5	3	1	3	2	5	4	11
19	4	5	6	10	6	5	3	1	2	4	4	2	2	2	8	17	18	18	18	17	14	9	9	9	8
20	10	9	9	11	10	11	11	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
21	0	0	0	0	0	0	0	0	6	8	11	11	12	14	15	15	10	6	7	13	13	13	14	12	8
22	11	13	13	13	14	14	12	10	10	13	14	15	****	****	****	****	****	****	****	****	****	****	****	****	******
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	6	7	7	7	7	7	7	5	5	9	11	11	12	12	13	13	11	7	7	7	7	7	8	7	8.3

PERCENTAGE OF DATA VALID - 42.1 PERCENTAGE OF DATA INVALID - 16.1 PERCENTAGE OF DATA UNAVAILABLE - 41.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	27	27	23	13	4	3	3	4	4	7	******
14	9	12	14	13	15	9	5	4	4	4	6	9	10	12	****	****	****	****	****	****	****	****	****	****	******
15	5	5	5	7	7	****	****	****	****	****	****	****	23	23	25	26	25	25	25	25	25	25	25	23	19
16	25	14	4	8	12	15	10	5	10	18	19	19	****	24	22	20	17	13	11	14	17	19	18	20	15
17	22	21	22	20	20	17	15	16	18	19	20	21	24	24	24	****	34	17	4	0	0	0	4	5	16
18	10	9	12	8	8	10	8	5	8	25	26	26	29	29	28	27	25	25	26	24	25	22	23	22	19
19	21	18	14	7	5	4	4	4	6	12	15	18	21	21	26	27	20	17	7	5	5	5	10	9	13
20	11	10	18	20	18	17	23	12	8	12	15	19	24	25	24	24	20	17	6	9	3	5	2	2	14
21	0	0	0	0	0	0	3	5	8	9	7	10	14	18	16	14	11	9	12	14	17	25	33	35	11
22	35	32	32	30	29	27	24	23	20	23	26	25	26	25	26	24	21	13	10	20	23	27	29	25	25
23	24	23	21	22	25	23	23	24	23	25	25	25	29	26	16	16	13	16	8	8	10	8	10	7	19
24	8	8	14	17	14	13	7	9	9	16	25	28	27	27	26	25	23	19	17	18	19	22	25	21	18
25	19	19	20	20	22	23	22	20	18	15	23	26	29	28	24	18	13	15	18	15	17	26	30	24	21
26	17	14	15	21	18	20	22	9	10	18	19	15	17	15	16	13	4	2	2	2	2	9	10	8	12
27	9	6	12	15	16	14	12	9	12	16	18	18	19	19	17	18	16	12	6	11	14	10	3	3	13
28	0	0	0	0	5	9	3	3	3	9	11	13	****	****	****	****	****	****	****	****	****	****	****	****	******
MEAN	14	13	14	14	14	14	13	11	11	16	18	19	22	23	23	21	19	15	11	12	13	15	16	15	15 6

PERCENTAGE OF DATA VALID - 50.4 PERCENTAGE OF DATA INVALID - 29.9 PERCENTAGE OF DATA UNAVAILABLE - 19.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA INVALID -																								
2	****	****	****	****	****	****	****	****	****	****	****	****	****	21	14	11	14	15	14	17	6	14	14	16	******
3	6	11	13	17	13	9	5	2	18	25	25	27	30	27	29	29	31	26	10	9	17	3	20	23	18
4	24	23	23	23	25	25	25	24	25	24	26	26	26	23	32	29	27	26	24	18	22	12	9	7	23
5	13	4	9	13	15	13	13	11	12	22	20	21	21	****	23	23	20	12	8	7	5	9	11	16	14
6	13	11	14	10	17	20	17	6	16	13	15	12	13	17	20	22	19	14	12	7	13	16	10	10	14
7	3	3	2	2	2	2	2	2	5	19	22	27	32	35	37	39	39	35	32	16	1	2	2	2	15
8	0	0	0	0	3	4	0	0	5	8	23	10	****	20	30	32	37	25	7	7	7	6	3	7	10
9	10	8	4	3	3	3	0	0	3	14	18	23	24	26	30	24	28	28	30	29	29	28	18	13	17
10	7	8	13	14	10	13	15	12	15	13	16	17	23	26	29	25	21	23	22	27	29	30	28	27	19
11	28	28	28	27	27	28	29	29	29	29	30	31	32	33	32	32	31	30	28	25	23	26	29	31	29
12	34	34	34	35	34	34	31	29	31	34	34	34	37	****	29	29	30	30	28	22	9	3	1	0	27
13	3	5	15	18	22	24	23	22	22	20	16	15	19	22	29	26	30	38	32	26	34	38	29	22	23
14	34	36	37	36	38	43	40	30	25	26	27	29	****	31	31	29	28	28	27	28	29	29	29	29	31
15	30	29	29	30	30	26	21	23	27	29	29	29	29	29	29	29	27	25	23	22	17	14	10	13	25
16	15	19	22	25	26	25	18	12	14	19	23	26	28	31	34	38	32	25	8	1	3	6	2	2	19
17	2	2	1	2	2	1	1	6	11	14	17	23	27	30	32	31	32	36	29	19	3	4	1	0	14
18	0	0	0	0	0	0	0	2	12	28	28	32	36	40	49	60	66	58	44	24	0	11	42	41	24
19	39	35	35	31	28	6	2	5	17	27	28	30	32	33	37	37	38	39	31	2	0	0	0	0	22
20	0	0	0	0	0	0	0	1	7	16	14	13	22	28	37	38	33	25	3	2	0	0	0	0	10
21	0	0	0	0	4	6	2	1	7	26	26	26	30	****	30	37	39	39	15	0	0	0	0	0	13
22	0	0	0	0	0	1	1	3	9	12	24	29	36	44	55	57	54	44	30	22	2	36	36	6	21
23	15	14	38	24	26	28	26	34	37	36	32	30	****	34	35	41	47	42	41	41	7	14	37	35	31
24	21	24	31	30	29	29	26	26	27	27	15	4	18	5	28	35	37	31	17	10	10	13	16	18	22
25	21	17	22	8	10	14	12	12	13	17	19	20	22	22	22	21	21	22	18	13	10	9	8	11	16
26	6	10	12	13	19	20	16	16	16	20	24	24	****	23	25	26	26	22	25	23	24	24	24	24	20
27	27	24	25	26	28	24	20	24	29	****	****	25	22	16	21	14	21	22	23	23	23	22	19	6	22
28	- DATA INVALID -																								
29	- DATA INVALID -																								
30	****	****	****	****	****	****	****	****	****	****	****	****	18	17	17	10	24	21	14	0	0	0	3	19	******
31	33	27	30	29	27	29	24	17	19	23	23	26	29	28	27	26	22	22	20	22	27	30	30	27	26
MEAN	15	14	17	16	17	16	14	13	17	22	23	23	26	26	30	30	31	29	22	17	13	14	15	14	19.9

PERCENTAGE OF DATA VALID - 85.8 PERCENTAGE OF DATA INVALID - 14.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	22	21	15	16	27	28	31	34	32	34	34	34	32	31	31	31	32	33	33	31	31	32	32	29
2	30	28	27	24	22	19	18	15	15	17	7	3	****	13	19	16	20	15	18	15	17	12	17	21	18
3	29	27	28	30	32	31	27	24	27	29	30	32	32	34	35	36	37	33	30	25	0	0	3	5	26
4	4	3	3	6	4	2	3	13	21	24	24	24	29	28	31	30	31	32	32	31	29	26	24	21	20
5	9	14	22	25	26	28	25	24	26	28	30	32	****	29	29	27	25	26	30	25	29	32	28	27	26
6	31	30	35	25	19	27	29	27	25	25	26	26	27	25	25	25	25	23	24	24	25	26	27	27	26
7	28	28	29	29	28	26	27	28	26	26	27	29	30	30	31	31	29	29	25	23	22	20	17	3	26
8	14	17	15	11	4	3	7	13	20	22	29	30	32	31	31	31	34	36	34	35	34	34	33	34	24
9	37	37	39	37	37	34	32	32	32	16	22	26	****	28	29	25	20	22	17	6	0	2	2	13	24
10	21	25	26	29	26	28	24	22	24	28	31	33	36	****	****	****	34	31	26	15	6	4	6	6	23
11	5	3	5	3	3	3	3	6	18	27	33	37	39	37	40	55	51	46	45	46	46	47	44	42	29
12	38	35	26	26	26	26	26	30	35	31	30	31	33	35	35	36	36	36	37	37	38	37	38	39	33
13	39	39	34	34	32	28	34	33	34	35	34	33	33	32	32	31	29	22	22	17	16	33	30	29	31
14	23	23	25	25	25	24	15	31	38	37	32	37	37	40	40	39	39	37	30	33	****	35	29	26	31
15	33	29	30	32	34	34	32	31	30	32	34	35	35	35	37	34	34	35	34	30	31	29	28	27	32
16	28	27	27	25	23	20	17	14	17	19	22	25	28	27	29	28	25	26	25	16	23	20	21	19	23
17	23	21	24	20	14	15	12	12	18	28	34	36	35	****	38	37	35	34	29	22	16	20	23	23	25
18	24	22	17	23	19	21	16	24	31	36	36	38	38	39	39	36	34	29	26	17	7	16	23	25	27
19	22	22	23	24	23	18	13	18	23	33	36	38	39	41	44	45	45	40	23	8	11	18	19	16	27
20	25	24	20	10	3	3	4	8	15	19	20	32	36	42	44	46	44	40	36	20	28	2	2	2	22
21	0	0	0	0	0	0	0	21	26	33	35	32	41	43	43	44	42	41	15	0	0	0	11	8	18
22	0	0	0	0	0	12	23	20	24	30	34	35	35	43	47	50	52	50	40	3	0	0	0	0	21
23	0	0	0	0	0	0	0	10	14	20	29	31	****	37	44	45	48	44	36	24	38	3	4	30	20
24	3	3	3	3	0	0	0	16	30	37	41	44	58	60	61	71	87	84	75	52	50	45	47	59	39
25	56	37	43	51	52	21	7	5	19	43	41	38	38	43	48	46	51	53	56	47	35	43	56	21	40
26	40	58	53	54	39	25	27	34	37	39	41	44	****	41	43	40	36	34	39	42	36	34	32	24	39
27	21	6	18	18	21	17	12	9	11	14	18	20	19	19	17	10	8	14	10	7	4	7	13	13	14
28	8	11	14	15	15	16	19	21	22	22	21	20	24	24	24	23	23	17	15	0	0	0	0	3	15
29	5	16	21	21	25	18	22	24	25	24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
30	****	****	****	21	11	8	18	19	17	16	19	****	25	29	37	37	34	29	22	13	16	32	39	28	24
MEAN	21	21	22	21	19	18	17	21	24	27	29	31	34	34	36	36	36	34	30	23	21	21	22	21	25.7

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 3.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	28	27	27	25	22	24	26	26	27	28	27	29	29	29	29	29	28	23	15	2	2	1	1	22
2	0	0	0	0	0	0	0	5	19	22	28	30	30	29	34	33	34	32	32	32	32	30	28	26	20
3	31	31	31	34	35	30	28	24	22	19	24	29	****	16	4	5	6	2	24	32	36	32	23	29	24
4	27	25	22	22	22	16	11	20	24	22	24	23	21	27	22	18	19	21	20	16	14	13	15	17	20
5	19	23	24	21	20	22	27	27	29	30	31	34	35	35	37	36	31	30	21	34	31	32	33	31	29
6	16	18	18	22	26	26	25	26	27	29	29	29	30	33	34	30	31	32	33	32	31	30	30	31	28
7	32	30	29	30	29	29	25	24	26	29	31	****	36	38	42	44	45	44	42	27	8	19	20	28	31
8	32	25	26	27	11	0	18	22	22	33	35	37	43	49	53	53	54	56	54	54	39	31	25	11	34
9	1	4	13	21	27	19	12	29	25	37	41	****	****	45	43	37	42	30	43	21	18	8	10	1	24
10	1	1	0	0	0	0	0	0	15	38	53	71	82	81	73	84	65	56	53	53	48	22	1	21	34
11	37	20	26	39	32	9	25	31	34	35	37	40	****	47	53	57	62	62	50	28	16	38	35	44	37
12	49	26	12	1	10	15	5	12	17	25	36	39	45	51	55	20	20	27	19	17	21	22	22	19	24
13	18	18	19	20	21	21	21	21	22	24	26	29	29	28	29	32	32	32	28	7	0	0	2	16	21
14	26	24	22	26	29	18	10	14	20	22	32	****	45	45	47	46	39	32	27	30	27	9	0	4	26
15	6	22	27	22	11	14	14	9	16	22	28	34	40	43	39	39	35	21	33	20	25	16	14	18	24
16	20	23	26	25	21	14	15	17	19	22	24	26	32	34	35	36	40	42	42	26	0	0	2	0	23
17	0	0	0	0	0	0	1	3	11	21	24	32	****	43	43	45	45	39	36	34	21	3	0	0	17
18	0	0	0	0	0	0	6	12	19	20	21	23	30	37	40	49	52	56	57	36	20	5	0	19	21
19	31	39	51	48	23	8	31	29	25	23	22	24	38	38	39	39	38	38	21	12	5	4	19	22	28
20	23	9	8	9	7	20	19	24	28	31	34	35	32	35	38	42	43	45	47	35	1	8	1	7	24
21	46	37	10	13	17	8	17	30	31	34	34	27	29	26	25	25	26	24	18	15	15	5	5	3	22
22	5	15	14	9	5	1	10	16	24	30	30	31	30	30	31	31	32	33	33	33	36	35	36	35	24
23	36	35	31	27	13	0	5	23	26	26	28	29	35	36	39	42	42	43	35	37	35	29	18	30	29
24	22	10	14	15	14	9	4	3	4	12	16	24	30	31	30	28	27	21	17	16	20	26	15	0	17
25	15	17	20	23	21	15	7	4	5	4	6	****	8	7	7	6	1	3	4	3	4	2	2	13	9
26	24	23	20	20	19	19	18	19	18	18	16	17	23	25	26	28	38	36	34	25	19	17	8	15	22
27	12	0	0	3	8	11	13	18	18	19	23	26	29	29	30	34	39	39	34	27	8	0	0	7	18
28	0	3	7	8	5	2	1	5	8	15	21	22	****	36	38	28	25	13	14	9	3	5	11	13	13
29	13	11	9	8	2	0	0	0	4	15	15	22	31	28	27	31	36	8	11	9	2	16	16	6	13
30	0	0	2	10	17	20	17	9	8	13	24	40	55	61	57	58	52	51	51	45	18	0	0	0	25
31	0	0	0	0	0	0	0	5	16	26	57	66	****	57	62	69	80	86	83	58	36	40	43	42	36
MEAN	18	17	16	17	15	12	13	16	20	24	28	32	35	37	37	37	37	35	34	27	19	16	14	16	23.8

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	47	36	15	15	16	39	46	44	46	47	48	53	55	56	54	53	61	55	46	42	38	20	3	0	39
2	0	5	1	0	0	5	22	17	20	22	27	32	40	43	47	50	54	54	38	25	7	3	23	26	23
3	29	22	24	28	21	18	23	26	30	36	45	52	57	63	72	57	51	73	87	37	17	4	****	1	38
4	0	0	0	2	11	25	22	20	24	34	44	55	68	62	59	58	55	43	****	40	****	****	41	42	34
5	43	46	27	24	21	9	6	15	19	14	24	34	37	34	34	34	31	26	18	13	9	6	5	7	22
6	12	10	6	7	15	17	19	19	18	17	20	23	27	26	26	25	23	23	23	26	25	25	23	17	20
7	25	26	27	26	25	17	20	21	22	23	25	28	37	****	53	54	60	77	69	39	17	5	17	45	33
8	47	49	25	25	52	46	43	22	27	29	25	28	35	45	47	46	43	40	38	29	16	14	11	4	33
9	4	7	4	1	0	1	6	14	23	34	41	62	90	88	82	74	66	66	64	61	45	36	26	11	38
10	31	38	45	45	43	37	32	32	26	25	40	47	60	66	58	56	54	51	43	26	25	21	20	19	39
11	21	21	20	21	21	15	11	17	20	19	****	22	22	22	24	24	24	22	18	8	1	0	2	4	16
12	11	12	13	12	10	4	6	13	19	22	25	24	24	22	****	17	12	10	16	11	5	3	5	7	13
13	13	15	14	12	8	6	6	16	23	27	29	31	31	31	30	31	31	29	23	12	1	0	0	D	17
14	9	17	18	3	1	2	10	14	22	27	27	****	47	53	52	61	61	62	63	68	53	44	33	4D	34
15	51	42	45	42	30	24	18	22	39	53	64	69	74	77	78	83	84	83	70	62	56	50	48	40	54
16	47	50	49	39	42	39	37	43	50	57	64	68	73	81	79	76	77	76	73	64	51	32	12	1	53
17	25	9	4	8	10	41	53	52	51	61	66	72	73	75	74	77	79	81	77	64	47	45	39	36	51
18	32	21	20	19	18	16	14	15	17	20	23	29	38	47	47	50	54	44	39	26	7	0	0	D	25
19	2	6	8	7	3	3	5	16	21	29	33	36	39	39	38	36	35	35	31	31	31	35	35	4	23
20	0	0	0	0	12	17	21	21	27	26	27	31	43	53	58	63	59	54	53	55	43	15	3	D	28
21	38	56	52	45	38	29	22	19	22	21	23	30	34	41	44	52	61	64	63	58	54	48	36	26	41
22	30	28	26	19	8	8	7	13	20	29	36	****	****	****	****	****	****	****	****	****	****	****	****	****	******
23												- DATA INVALID -													
24												- DATA INVALID -													
25	****	****	****	****	****	****	****	****	****	****	****	****	30	29	27	30	32	32	32	23	11	7	2	D	******
26	0	0	0	0	0	0	4	15	24	27	31	35	42	51	60	69	64	60	62	65	57	39	27	21	31
27	38	53	56	60	53	40	31	28	40	46	50	61	60	42	45	46	26	34	35	44	41	42	39	38	44
28	35	53	49	38	39	18	12	28	29	33	43	59	58	52	64	65	66	68	61	58	43	36	37	33	45
29	22	40	61	47	46	45	38	37	34	37	35	****	****	****	****	****	****	****	****	****	****	****	****	****	******
30												- DATA INVALID -													
MEAN	24	25	23	21	21	20	21	23	27	31	37	43	48	50	52	51	51	50	48	39	29	22	2D	17	32 8

PERCENTAGE OF DATA VALID - 83.6 PERCENTAGE OF DATA INVALID - 16.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C ND 44010 1298 REBECCA ST OAKVILLE MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- OATA INVALID -													
2												- OATA INVALID -													
3												- DATA INVALIO -													
4	****	****	****	****	****	****	****	****	****	****	****	****	17	25	23	17	18	20	24	15	15	13	14	16	******
5	12	10	13	14	12	3	3	11	12	13	15	17	20	20	21	21	20	19	17	5	0	5	10	18	13
6	11	11	11	12	9	4	5	10	14	17	23	21	22	24	36	36	37	39	35	17	2	1	3	3	17
7	3	1	2	1	0	3	1	6	21	16	16	34	26	40	40	36	38	40	36	23	7	4	11	3	17
8	0	0	2	5	5	5	12	15	18	18	29	40	52	53	56	58	63	56	56	54	38	10	0	0	27
9	0	2	1	0	4	4	12	24	30	37	39	****	53	59	62	65	66	71	59	49	22	5	1	30	30
10	37	36	37	32	31	26	24	23	14	16	13	18	37	48	46	40	29	15	10	15	14	18	19	23	26
11	25	4	1	16	1	7	7	19	23	27	32	55	80	85	101	87	80	51	39	27	49	24	6	0	35
12	2	4	3	0	4	8	25	129	72	40	48	63	71	100	73	71	66	59	39	13	17	26	19	8	40
13	6	0	1	1	4	4	2	5	35	45	65	****	80	87	88	80	89	77	75	78	46	5	0	0	38
14	3	6	9	3	0	0	4	16	26	31	40	57	82	110	102	99	99	94	88	78	51	32	20	22	45
15	24	27	5	13	43	51	50	53	55	56	59	68	66	44	48	51	48	44	36	61	45	1	7	6	40
16	3	4	4	4	4	3	2	20	32	39	64	62	73	94	74	62	41	22	19	14	16	8	8	8	28
17	9	11	11	11	10	5	2	3	6	13	22	29	****	41	41	41	41	45	49	43	43	21	6	7	22
18	9	10	11	5	3	3	0	3	7	13	21	35	55	77	83	58	57	60	54	50	49	9	0	3	28
19	12	9	0	0	0	0	0	6	12	19	26	32	41	46	50	59	60	58	56	54	37	10	7	0	25
20	12	20	14	10	3	0	9	30	35	35	37	53	****	80	78	61	54	57	60	60	47	24	27	35	37
21	15	3	2	4	4	0	0	5	13	29	46	95	83	104	102	104	92	69	71	78	51	16	18	6	42
22	14	7	24	37	32	25	11	46	50	54	63	64	65	66	66	68	72	74	74	68	54	36	10	18	46
23	44	34	18	20	16	7	1	3	22	55	70	****	79	89	104	119	92	77	66	60	54	58	37	28	50
24	23	19	27	23	18	15	18	17	18	22	33	44	56	61	57	52	38	31	32	37	40	36	27	23	32
25	18	22	27	19	8	7	0	6	9	14	17	17	28	32	29	34	37	35	18	12	10	12	8	7	18
26	10	11	15	12	11	10	12	9	14	12	9	12	14	11	10	11	15	15	13	11	15	19	15	13	12
27	13	14	19	8	6	2	3	3	3	5	8	****	32	37	41	45	51	50	50	41	24	24	11	2	21
28	1	1	2	2	4	3	5	9	17	23	18	32	38	41	40	37	30	25	30	17	5	8	6	7	17
29	5	4	4	4	6	8	14	16	18	19	30	44	49	56	48	55	61	50	67	60	11	****	17	5	28
30	1	2	0	0	0	0	1	3	11	25	45	****	69	77	77	79	87	92	77	70	65	45	38	50	40
31	51	32	24	20	23	23	17	18	21	23	26	29	36	45	49	34	27	24	19	12	3	15	21	20	26
MEAN	13	11	11	10	10	8	9	19	23	27	34	42	51	59	59	56	54	49	45	40	30	18	13	13	29.3

PERCENTAGE OF DATA VALID - 87.6 PERCENTAGE OF DATA INVALID - 12.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C ND 44010 1298 REBECCA ST OAKVILLE MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	19	27	34	31	28	23	****	****	****	****	26	34	36	****	35	38	35	34	29	34	35	38	34	31
2	****	35	31	****	34	****	32	24	****	27	25	36	36	37	28	38	41	37	22	****	****	****	****	****	******
3	****	****	****	****	****	****	****	****	****	27	****	35	52	64	63	52	48	58	55	28	14	3	0	8	******
4	21	21	20	23	28	6	29	33	25	30	47	53	54	52	47	45	41	34	20	6	5	9	31	40	30
5	45	36	24	19	12	13	20	28	30	34	36	38	42	40	40	48	40	38	31	14	0	1	0	13	27
6	15	18	25	26	26	21	15	15	12	17	19	21	24	24	25	26	24	28	28	16	0	0	1	2	18
7	5	8	3	9	4	2	2	0	3	11	18	****	****	28	43	63	72	59	43	42	31	22	18	16	23
8	14	6	3	8	12	7	5	14	11	9	11	15	25	28	39	45	47	41	23	14	5	1	2	0	16
9	9	10	11	10	8	3	5	18	18	19	20	23	26	26	24	22	25	28	29	29	****	19	7	7	17
10	19	22	25	29	20	32	19	9	5	34	40	41	42	39	40	38	45	35	26	22	13	12	9	10	26
11	15	28	24	26	23	46	****	10	11	12	14	20	26	29	32	31	30	38	36	17	24	27	12	10	24
12	9	21	25	21	11	9	8	13	22	18	23	27	35	****	35	32	33	29	31	17	5	4	3	3	19
13	3	2	5	2	2	6	6	4	****	37	51	****	78	58	61	59	55	45	47	50	46	45	39	45	34
14	42	34	26	18	18	4	2	8	21	22	19	15	18	17	14	13	15	17	14	13	10	8	11	11	16
15	15	14	14	12	10	5	8	11	13	14	14	16	18	18	****	18	15	14	12	7	2	0	0	3	11
16	6	6	6	6	3	0	1	5	8	12	21	32	30	29	34	52	58	60	56	9	0	0	0	0	18
17	0	0	0	0	0	0	0	0	****	9	15	20	33	38	34	30	23	13	20	26	38	19	29	19	16
18	28	22	29	37	34	31	25	21	22	17	16	16	24	22	26	22	26	26	24	16	10	7	3	2	21
19	2	0	0	18	21	15	22	28	32	34	36	42	51	60	61	56	66	63	69	26	2	0	0	0	29
20	0	0	2	2	1	0	0	4	12	30	35	****	42	41	43	44	45	48	63	41	26	11	3	0	21
21	0	0	0	0	0	0	1	3	10	36	54	49	62	68	47	40	35	38	33	14	0	0	0	0	20
22	0	0	0	0	0	0	2	16	19	25	29	****	38	40	44	46	49	50	47	43	36	36	34	31	25
23	20	14	0	0	0	7	13	18	21	23	20	15	21	24	41	43	54	49	44	44	36	25	8	10	23
24	14	13	16	14	17	18	15	19	24	27	34	37	40	44	53	55	50	53	48	45	51	44	36	44	34
25	32	35	31	28	26	24	20	23	27	30	36	39	42	47	51	45	50	49	39	13	8	3	0	0	29
26	0	0	2	3	0	2	6	13	17	33	39	43	39	40	38	39	39	38	34	29	23	0	6	9	21
27	34	34	38	27	14	2	0	2	12	39	53	****	55	58	65	61	62	53	48	38	32	3	1	0	32
28	0	0	0	6	3	0	0	11	23	22	39	41	46	45	48	47	44	49	57	52	40	24	32	37	28
29	21	16	38	41	35	33	34	28	23	26	27	27	36	48	51	48	40	39	34	29	22	19	7	9	30
30	5	13	14	18	19	20	18	17	26	30	45	51	60	59	50	45	39	34	21	13	3	0	0	2	25
31	7	7	5	5	0	0	0	1	15	20	26	31	37	44	49	51	48	46	42	34	31	5	0	0	21
MEAN	14	14	15	15	14	12	11	14	18	24	30	31	39	40	42	42	42	40	36	26	19	13	11	12	24.0

PERCENTAGE OF DATA VALID - 95.2 PERCENTAGE OF DATA INVALID - 4.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	3	21	34	59	57	69	81	108	102	81	72	66	63	26	11	0	42	37
2	51	45	34	28	28	27	26	29	20	35	33	33	40	40	37	40	43	43	42	36	38	34	27	19	35
3	17	24	20	14	8	12	11	19	25	27	30	32	33	35	34	33	31	29	9	4	3	6	6	7	20
4	12	8	9	6	9	4	3	3	9	13	18	****	25	31	32	34	34	31	27	30	20	0	0	0	16
5	0	0	0	0	0	0	0	2	21	27	40	47	50	47	44	46	45	48	48	38	12	30	5	0	23
6	0	3	9	13	3	0	0	3	10	25	55	65	75	69	63	61	58	55	50	37	28	26	23	24	31
7	19	18	16	19	15	6	2	4	8	14	13	****	11	11	9	7	9	10	8	11	10	17	14	14	12
8	17	16	17	15	13	10	8	13	17	19	17	20	20	27	38	39	40	38	29	0	0	0	0	0	17
9	0	0	0	2	2	1	3	8	17	24	31	38	40	39	39	42	41	43	39	37	28	6	0	0	20
10	8	18	22	29	32	5	19	19	28	41	46	****	42	23	25	38	33	23	18	14	11	4	0	0	22
11	3	3	0	0	0	0	0	2	8	12	14	28	34	33	35	41	47	56	50	43	1	0	0	10	18
12	33	28	23	25	6	0	0	1	22	24	28	****	35	45	37	51	54	53	51	44	41	40	34	33	31
13	28	0	0	0	0	0	0	11	45	56	49	59	64	75	79	78	69	72	66	57	50	49	43	47	42
14	44	43	46	45	49	45	17	14	16	12	18	****	24	20	24	25	22	21	11	9	6	9	8	4	23
15	5	5	9	7	2	4	4	6	19	22	25	26	28	28	30	32	29	23	7	3	3	7	10	6	14
16	0	0	0	17	13	9	6	7	15	26	36	40	42	46	49	51	52	48	41	10	0	4	17	33	23
17	38	27	25	26	19	6	3	12	27	42	44	50	57	64	60	61	64	64	57	30	35	31	31	46	38
18	40	46	48	36	29	26	24	24	33	46	64	68	72	75	72	68	67	58	50	29	16	16	12	7	43
19	10	11	18	21	12	5	2	11	19	24	25	****	30	32	31	36	39	37	10	0	0	0	2	0	16
20	0	0	0	0	0	0	0	0	7	13	27	35	42	45	41	45	40	40	36	13	11	15	22	30	19
21	34	27	20	21	18	10	6	5	10	21	29	43	-	40	30	23	18	-	-	-	-	4	-	11	21
22	16	12	15	15	13	10	8	8	9	11	19	28	31	35	37	35	27	21	14	15	18	15	9	-	18
23	11	13	11	12	8	10	11	12	16	23	27	28	31	33	34	32	33	30	14	0	0	0	0	0	16
24	0	0	0	0	29	-	-	0	9	23	-	****	29	40	46	49	52	57	48	47	4	0	0	0	22
25	0	0	0	0	0	0	0	0	1	7	10	22	41	48	62	63	67	58	30	19	10	7	0	0	19
26	6	8	24	21	20	8	1	5	14	22	22	31	45	42	46	47	46	34	2	0	0	0	0	0	19
27	0	0	0	0	0	0	0	0	4	11	21	36	53	56	59	46	49	55	42	13	0	0	0	0	19
28	0	0	0	0	0	0	6	11	16	22	16	22	****	13	12	28	38	34	20	9	0	0	0	0	11
29	0	0	0	0	0	0	0	3	17	21	24	34	44	57	52	53	53	48	45	26	1	0	0	0	20
30	0	0	0	0	5	0	0	3	5	11	14	22	28	37	45	44	41	31	32	1	6	11	17	9	15
MEAN	13	12	12	12	11	7	6	8	16	24	29	38	41	42	44	45	44	42	33	22	13	11	10	12	22.6

PERCENTAGE OF DATA VALID - 97.5 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	0	2	11	14	3	0	4	4	****	6	10	16	20	24	26	31	15	14	6	0	0	0	9
2	0	1	5	8	0	0	2	0	2	15	28	25	26	30	29	28	30	34	34	39	39	31	29	25	19
3	17	17	25	26	27	22	20	16	17	5	6	****	3	9	7	10	15	12	11	4	6	6	1	3	12
4	12	12	23	17	13	8	0	1	13	23	26	18	13	4	6	12	10	4	1	2	5	4	2	3	10
5	4	5	2	4	5	1	0	0	3	10	5	7	****	17	16	6	2	2	6	6	10	9	10	11	6
6	17	22	18	16	13	9	7	9	11	12	13	12	19	23	23	26	33	31	24	19	20	22	15	8	18
7	7	8	13	7	20	24	21	18	18	16	17	17	17	17	15	16	18	17	14	13	11	12	11	12	15
8	16	18	17	19	16	16	9	8	19	23	24	23	18	18	14	10	9	2	12	22	20	12	10	5	15
9	0	0	0	11	6	10	12	8	12	15	21	22	25	26	24	18	21	8	1	1	0	0	0	0	10
10	0	0	3	0	0	0	0	0	3	11	16	23	27	21	18	23	25	27	20	2	4	2	0	3	10
11	5	4	5	0	0	0	0	0	2	6	8	21	26	21	23	22	21	25	20	16	25	20	21	23	13
12	28	25	25	22	17	6	2	2	3	11	17	18	****	16	11	4	2	1	0	5	7	13	16	17	12
13	16	17	13	10	10	6	4	6	10	10	16	20	18	23	20	15	16	14	11	3	5	6	4	11	12
14	8	14	16	10	9	9	6	11	17	21	26	28	28	27	26	25	21	19	11	5	2	1	2	12	15
15	12	9	10	9	9	2	0	0	0	1	1	****	23	22	22	19	20	8	0	0	0	3	0	0	7
16	10	15	16	13	12	14	14	14	14	16	18	****	19	24	26	27	26	25	24	23	16	11	3	0	17
17	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	1	1	0	0	0	0	0	0	0	0
18	0	4	4	13	10	5	1	1	1	8	16	14	16	19	19	18	18	14	20	9	4	18	17	16	11
19	8	3	2	8	15	13	9	7	9	10	11	****	16	17	17	20	20	11	0	31	31	42	37	38	16
20	33	33	31	25	26	28	23	17	15	22	22	32	36	30	31	40	28	32	36	32	11	23	36	34	28
21	27	27	26	27	25	24	22	16	23	24	27	27	35	37	41	42	35	25	30	43	23	12	6	6	26
22	15	13	8	8	4	3	0	0	8	20	15	****	33	41	31	34	38	31	23	19	3	7	2	2	16
23	9	14	20	26	25	24	20	7	14	6	7	7	9	7	7	4	4	5	5	5	9	6	3	5	10
24	9	10	11	12	14	11	8	6	8	9	9	9	10	9	10	10	9	11	14	14	14	14	15	15	11
25	19	21	23	22	21	14	12	14	23	23	21	26	25	26	22	18	17	15	14	6	6	18	10	8	18
26	9	13	20	25	23	17	12	10	14	17	20	****	18	18	17	15	12	7	8	13	9	6	5	0	13
27	6	0	0	0	1	10	11	2	6	16	24	26	24	25	25	23	22	19	17	17	18	16	13	9	14
28	8	11	13	13	6	1	2	5	5	8	13	12	12	11	9	6	4	2	1	4	5	5	7	12	7
29	15	16	17	13	12	10	3	1	3	9	14	14	14	4	4	1	0	0	0	0	0	0	0	0	6
30	7	15	16	17	18	21	23	21	21	22	18	19	23	23	23	22	23	24	24	23	15	11	14	14	19
31	12	13	11	11	10	9	3	5	10	13	15	17	21	21	18	20	20	23	18	18	25	11	0	0	14
MEAN	11	12	13	13	12	11	8	7	10	13	16	18	20	19	19	18	18	15	13	13	11	11	9	9	13.2

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	10	8	6	0	0	2	22	29	****	30	21	16	26	5	0	1	16	22	15	11	7	11
2	2	7	6	8	5	1	0	0	1	10	12	16	16	****	19	18	11	2	0	0	0	0	0	0	6
3	0	0	0	0	0	0	0	0	3	9	15	18	23	25	25	24	19	15	12	0	0	2	3	0	8
4	0	1	2	8	10	10	9	9	8	9	9	13	17	17	16	19	10	0	3	6	5	0	0	0	8
5	0	0	0	0	0	0	0	0	0	2	6	10	16	18	19	18	16	12	12	14	11	1	0	0	6
6	0	0	0	0	0	0	0	0	0	0	0	2	3	2	2	0	0	0	0	0	0	0	0	0	0
7	0	5	9	21	16	13	10	7	7	14	18	19	17	16	17	14	11	8	10	12	10	9	5	3	11
8	4	4	2	8	6	6	9	10	10	7	7	7	6	6	5	3	3	5	3	0	0	0	0	0	5
9	0	0	0	0	0	0	0	0	0	0	11	10	8	10	12	12	6	4	3	1	0	2	3	2	4
10	0	0	0	0	0	2	3	3	4	8	13	17	18	17	17	14	9	9	6	4	5	8	8	3	7
11	2	2	5	8	9	10	4	4	3	2	5	9	14	14	17	18	18	15	11	4	1	1	2	0	7
12	0	1	3	12	12	16	13	5	5	11	23	21	19	21	21	23	20	15	0	0	0	0	0	0	10
13	0	0	0	0	0	0	0	0	0	0	3	4	5	****	6	10	7	0	0	0	0	0	0	0	2
14	3	5	7	6	6	8	4	1	1	3	7	18	15	11	17	18	17	13	14	6	0	0	0	0	8
15	0	0	0	0	0	1	2	2	0	2	8	11	4	4	3	4	2	0	0	0	0	0	2	11	2
16	18	21	20	20	20	19	14	2	5	15	17	18	16	16	18	10	9	6	8	4	2	2	5	7	12
17	8	7	6	3	5	7	7	7	7	7	10	15	16	18	20	21	5	0	0	0	0	0	0	0	7
18	0	0	0	0	0	0	0	0	0	0	1	2	3	5	4	3	3	7	14	11	8	6	2	0	3
19	3	10	7	7	7	5	4	2	0	1	5	6	12	12	12	13	14	4	0	0	0	0	0	0	5
20	0	0	0	0	0	0	1	5	2	6	6	9	15	17	17	11	6	1	5	4	1	0	1	8	5
21	7	12	13	12	12	12	14	13	14	17	18	19	19	19	17	17	17	17	17	16	14	14	12	9	15
22	2	0	4	4	5	3	9	15	13	15	14	14	17	18	18	9	12	13	9	7	10	14	15	17	11
23	19	20	15	9	9	13	10	11	10	11	9	10	****	14	17	9	4	4	3	3	3	0	0	0	9
24	0	0	6	7	9	10	9	11	13	11	11	10	14	15	15	13	6	0	0	0	0	0	0	0	7
25	0	0	0	0	0	0	0	0	0	0	2	4	6	10	13	13	13	14	14	14	14	12	11	11	6
26	11	9	7	5	5	2	1	7	13	18	22	15	14	15	15	15	16	17	17	18	19	18	16	15	13
27	10	10	12	14	14	11	8	5	3	9	12	13	16	17	18	15	12	3	0	0	0	5	7	7	9
28	10	10	11	8	10	11	5	8	12	18	18	17	****	18	16	16	13	11	7	6	6	7	9	5	11
29	7	7	6	5	7	7	3	1	1	6	7	9	10	11	11	10	6	5	5	5	4	4	1	2	6
30	3	3	6	11	11	11	11	11	11	11	12	****	****	15	15	12	6	2	1	2	3	3	3	1	7
MEAN	4	4	5	6	6	6	5	5	5	8	11	12	14	14	15	14	10	7	6	5	5	4	4	4	7.3

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	6	7	8	7	6	6	10	9	7	7	3	2	0	0	0	0	0	0	2	5	7	9	4
2	12	12	13	16	16	18	18	16	17	18	20	22	23	22	21	14	7	0	0	0	0	0	0	0	12
3	8	9	11	15	12	10	3	4	9	14	16	16	****	21	21	19	11	10	6	4	14	12	8	6	11
4	7	6	4	4	4	3	1	1	3	6	10	11	16	17	16	12	10	8	1	2	1	0	0	0	6
5	3	3	0	3	5	4	4	4	10	13	15	16	18	21	22	19	21	21	20	18	24	25	23	24	14
6	23	24	24	21	20	12	4	2	1	5	5	6	5	4	4	3	2	2	2	1	0	0	0	0	7
7	0	0	0	0	0	0	0	0	6	10	12	14	****	8	7	6	7	4	4	8	9	5	3	2	5
8	7	11	16	18	20	20	21	20	19	18	18	17	18	18	17	16	10	7	12	14	13	14	9	7	15
9	4	10	13	15	16	16	15	11	7	9	11	11	11	10	9	6	5	6	4	3	3	2	2	3	8
10	5	7	5	5	6	1	0	0	9	10	7	3	3	6	6	3	5	6	4	4	2	3	5	6	5
11	0	7	14	13	13	14	13	9	6	10	12	15	18	****	18	19	19	18	10	8	7	17	20	16	13
12	16	15	17	17	18	15	12	7	6	6	8	10	11	13	13	13	9	6	5	3	5	7	11	12	11
13	13	13	13	14	12	1	0	0	0	15	1	11	14	1	0	0	0	0	0	0	0	0	7	9	5
14	3	2	2	1	1	1	0	0	1	7	10	13	****	13	12	11	7	6	6	3	3	1	1	0	5
15	1	0	0	0	0	0	0	0	0	1	4	5	9	10	11	9	6	2	1	1	0	0	0	0	3
16	0	0	0	0	0	1	1	0	1	1	1	2	2	1	0	8	15	16	16	18	18	18	18	19	7
17	21	20	19	16	12	9	2	0	0	7	13	14	14	17	17	18	12	5	8	10	12	11	9	8	11
18	15	14	12	10	7	2	0	0	2	2	5	7	8	8	2	1	0	0	0	7	16	19	18	16	7
19	11	7	3	4	5	8	5	3	3	3	5	5	8	4	12	12	8	11	11	14	5	11	0	0	7
20	0	0	0	3	0	0	0	0	0	0	0	0	1	1	1	6	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	1	1	****	6	6	6	9	11	3	0	0	0	0	0	2
22	0	0	0	5	6	6	7	7	6	5	3	2	2	1	1	0	0	0	0	0	0	0	0	0	2
23	0	0	0	0	0	1	0	0	2	2	4	4	3	4	5	2	2	2	1	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	1	3	6	5	5	4	3	1	1	1	1	0	0	0	1
25	0	0	0	0	0	1	1	2	3	6	9	10	9	10	10	10	11	12	13	14	15	14	14	15	7
26	17	18	19	18	19	19	17	17	17	16	15	15	15	13	11	12	11	11	12	5	2	9	12	12	14
27	16	16	16	16	18	19	17	9	9	12	13	15	17	17	17	17	15	8	9	10	10	11	12	9	14
28	10	13	16	18	19	19	17	10	8	13	15	16	16	16	14	11	11	9	7	6	4	4	8	9	12
29	10	11	10	9	10	12	10	9	7	10	13	15	15	15	15	14	9	7	7	10	11	10	9	8	11
30	7	10	12	13	9	5	6	4	6	12	16	16	17	18	18	16	13	2	0	0	0	0	0	0	8
31	0	0	0	4	7	6	1	0	0	1	6	11	12	12	12	12	7	4	0	0	0	0	0	0	4
MEAN	7	7	8	9	8	7	6	5	5	8	9	10	11	10	10	10	8	6	5	5	6	6	6	6	7.5

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	12	8.3	13	21.
FEB	13	15.6	25	35
MAR	26	19.9	31	66
APR	29	25.7	40	87
MAY	31	23.8	37	86
JUN	24	32.8	54	90
JUL	27	29.3	50	129
AUG	29	24.0	34	78
SEP	30	22.6	43	108
OCT	31	13.2	28	43
NOV	30	7.3	15	30
DEC	31	7.5	15	25
YEAR	313	19.6	54	129

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	176	137	0	0	0	0	0	0	313
FEB	111	222	6	0	0	0	0	0	339
MAR	163	370	99	6	0	0	0	0	638
APR	100	334	236	20	2	0	0	0	692
MAY	164	346	182	37	5	0	0	0	734
JUN	95	207	168	123	9	0	0	0	602
JUL	186	211	116	110	20	8	1	0	652
AUG	190	263	202	53	0	0	0	0	708
SEP	252	218	167	61	2	2	0	0	702
OCT	317	381	37	0	0	0	0	0	735
NOV	481	232	0	0	0	0	0	0	713
DEC	493	246	0	0	0	0	0	0	739
YEAR	2728	3167	1213	410	38	10	1	0	7567

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
86.4	0	0.0	7.5	15.8	25.3	42.0	52.8	65.3	76.2	129	19.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RO/OLIVE AVE, OSHAWA MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26	-	-	-	-	-	-	-	-	-	-	-	-	-	****	8	7	6	5	9	9	10	10	10	6	******
27	8	10	9	12	13	10	6	5	7	7	10	12	13	11	9	7	5	5	2	0	0	0	0	2	7
28	0	3	5	8	9	10	9	11	11	9	11	10	10	10	10	10	10	11	11	11	11	11	11	12	9
29	12	14	16	15	13	13	14	13	14	14	14	15	15	15	14	13	13	13	13	13	14	14	14	14	14
30	17	17	17	16	16	17	15	14	14	16	16	16	16	16	16	15	14	14	14	15	15	14	12	12	15
31	15	15	16	16	14	15	13	12	15	15	14	15	16	14	13	10	8	8	10	11	13	13	12	11	13
MEAN	10	12	13	13	13	13	11	11	12	12	13	14	14	13	12	10	9	9	10	10	11	10	10	10	11.4

PERCENTAGE OF DATA VALID - 17.5 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 82.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RO/OLIVE AVE, OSHAWA MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	13	13	14	15	14	14	12	13	14	14	15	15	15	15	14	13	13	14	14	14	14	14	13	14
2	13	13	13	13	13	13	11	11	11	11	13	14	****	23	18	16	13	9	13	18	11	11	10	9	13
3	10	13	12	8	5	3	1	1	3	5	10	11	9	9	6	9	2	0	0	0	0	0	0	0	5
4	0	0	0	4	6	8	4	0	3	6	7	13	18	18	18	16	12	8	14	14	13	12	11	11	9
5	12	12	12	12	13	13	12	10	10	13	14	16	12	12	12	18	19	15	16	16	14	13	13	11	13
6	9	9	7	9	9	6	0	0	0	3	5	9	8	14	7	5	2	0	0	3	0	0	7	7	5
7	11	15	15	14	4	5	2	3	3	6	7	5	6	7	5	3	6	15	16	16	16	16	14	14	9
8	19	18	15	13	13	17	17	13	14	14	****	****	14	14	14	14	13	11	10	10	8	10	12	14	14
9	14	14	14	14	15	13	13	11	10	11	11	12	15	14	14	15	15	9	6	9	6	3	5	2	11
10	0	3	2	1	1	1	8	13	11	12	13	13	15	15	15	14	13	11	9	11	9	12	14	15	10
11	14	11	13	14	14	13	11	13	15	15	14	15	15	16	17	18	13	8	10	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	3	4	6	6	9	8	7	6	5	5	2	3	5	7	11	12	4
13	13	14	11	13	14	13	11	9	9	13	13	14	****	****	****	14	13	10	6	4	7	10	8	10	11
14	10	9	11	9	12	12	5	8	11	12	12	****	****	13	11	7	8	9	8	9	11	11	12	13	10
15	13	13	13	13	13	12	9	10	12	12	12	11	11	12	11	8	6	7	9	13	12	13	13	13	11
16	13	13	13	13	14	12	6	8	11	13	14	11	13	12	12	11	9	7	9	11	9	11	11	10	11
17	13	12	13	12	13	12	11	11	13	13	14	13	14	15	15	15	13	10	6	8	6	10	12	9	12
18	12	11	11	12	12	12	13	14	14	13	12	11	10	11	10	11	11	11	12	10	7	9	10	10	11
19	12	10	9	8	6	4	0	0	1	2	5	****	15	17	18	19	22	14	5	0	0	0	0	0	7
20	0	0	0	0	0	0	0	4	5	8	11	13	19	22	19	11	7	2	4	4	0	0	0	0	5
21	0	0	0	0	0	0	0	0	2	3	4	2	1	2	8	6	7	5	6	4	5	15	25	31	5
22	30	27	27	27	28	25	21	18	16	****	****	21	21	29	31	16	14	8	3	1	1	3	7	14	18
23	15	18	22	20	17	21	17	18	17	17	18	18	18	15	11	8	4	1	1	1	1	3	2	5	12
24	4	5	0	0	1	3	6	7	8	12	19	23	23	22	26	27	22	17	16	16	19	22	22	22	14
25	21	21	22	22	21	20	21	21	20	19	20	17	19	23	22	22	19	21	22	23	25	20	25	24	21
26	25	25	23	22	25	23	20	21	17	19	21	20	22	18	21	17	19	20	22	22	22	22	22	23	21
27	25	24	19	24	22	17	16	17	19	23	23	24	****	28	32	29	27	25	26	22	20	21	24	20	23
28	21	25	23	17	0	0	0	4	9	8	12	16	20	22	30	32	22	5	2	2	2	2	2	2	12
MEAN	12	12	12	12	11	10	9	9	10	11	12	14	14	16	16	14	12	10	10	9	9	10	11	11	11.5

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	9	17	19	20	14	17	19	22	23	23	22	20	20	15	12	8	10	15	22	16	16	11	15
2	17	23	26	22	25	23	15	9	17	20	22	****	27	27	30	31	18	3	2	5	4	4	11	12	17
3	14	12	9	11	18	15	10	7	10	10	9	11	17	19	21	23	21	22	20	14	10	4	8	8	13
4	13	14	19	23	22	24	20	18	17	17	18	20	17	17	12	14	12	12	7	6	8	11	9	6	15
5	5	4	10	7	7	0	0	1	3	4	6	11	16	13	13	14	11	6	0	0	3	4	5	4	6
6	5	3	4	2	3	2	2	2	2	3	2	****	8	5	5	6	9	8	7	10	5	8	10	12	5
7	7	10	12	15	7	7	0	0	3	14	16	18	20	21	22	25	22	7	2	0	0	0	0	0	10
8	7	12	8	15	15	13	5	5	11	15	18	20	24	24	21	19	15	7	9	13	15	8	8	10	13
9	12	12	9	4	3	0	0	0	3	7	****	14	19	14	15	11	4	3	6	7	9	11	14	12	8
10	12	12	5	8	10	10	5	5	5	4	8	8	12	11	13	13	15	17	11	13	23	22	22	20	12
11	20	20	20	20	20	19	18	19	20	20	20	20	20	20	20	20	21	20	19	20	18	18	18	18	20
12	19	20	20	21	24	21	20	20	19	21	21	22	21	23	22	22	22	21	19	16	11	5	1	0	18
13	0	0	3	8	9	5	2	4	5	8	10	10	10	9	6	4	0	0	13	10	14	16	14	12	7
14	15	16	16	15	20	24	19	17	7	8	17	19	19	19	19	18	18	16	14	18	16	16	16	19	17
15	20	20	19	18	18	18	18	18	18	19	19	18	19	18	18	18	16	16	16	16	15	5	2	0	16
16	0	0	0	0	0	0	0	5	6	14	14	****	17	23	18	23	29	24	17	0	0	5	7	7	9
17	5	5	0	0	0	0	0	0	8	17	26	17	23	24	14	11	9	6	3	4	3	0	3	0	7
18	4	3	6	8	10	8	8	6	15	24	32	26	23	25	23	31	29	29	0	0	6	12	9	9	14
19	14	16	19	19	15	13	4	13	15	15	****	17	17	17	20	11	9	3	0	0	0	0	0	0	10
20	2	6	7	10	7	5	0	7	14	18	18	18	20	20	18	4	3	12	10	5	6	8	10	13	10
21	12	4	2	3	3	4	0	0	11	11	11	13	14	17	18	11	9	3	0	0	0	0	0	0	6
22	0	0	0	0	0	1	0	5	9	7	7	8	13	13	10	5	5	3	0	0	0	0	0	2	4
23	6	12	18	20	21	18	11	11	11	12	19	33	41	45	23	31	26	21	26	28	32	20	28	22	22
24	22	22	24	26	28	25	23	26	22	22	24	24	22	19	19	27	29	25	21	24	26	17	21	12	23
25	17	11	17	11	9	10	13	13	15	15	15	17	20	20	15	15	15	16	14	10	7	9	10	11	14
26	15	17	15	14	12	15	13	17	19	20	20	20	****	20	20	18	19	19	21	20	18	21	24	24	18
27	27	27	22	21	24	25	25	25	27	27	29	29	31	30	32	29	27	27	23	16	14	17	19	13	24
28	8	3	3	2	4	0	0	9	12	18	19	19	-	-	****	17	16	12	13	19	16	8	10	5	10
29	6	9	4	3	2	3	2	3	6	11	11	6	14	19	26	24	20	21	23	21	14	7	0	3	11
30	13	13	15	17	14	15	14	10	8	7	2	2	****	****	****	****	****	****	****	****	****	****	****	****	******
31													- DATA INVALID -												
MEAN	11	11	11	12	12	11	9	10	12	14	16	17	19	20	18	18	16	13	11	11	11	9	10	9	12.9

PERCENTAGE OF DATA VALID - 94.0 PERCENTAGE OF DATA INVALID - 5.8 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	23	23	21	20	20	20	21	24	24	23	******
7	24	23	23	23	24	24	25	26	26	26	27	27	27	29	29	31	31	28	26	19	22	20	15	14	25
8	13	13	14	14	15	18	22	25	25	22	21	20	21	22	21	19	13	15	18	19	17	26	28	28	20
9	30	34	35	30	30	31	29	30	29	30	30	31	31	31	31	27	27	22	23	16	6	1	8	15	25
10	21	26	25	23	23	24	23	24	23	24	27	29	30	32	36	35	34	31	27	22	22	21	20	22	26
11	24	23	27	28	28	20	18	25	28	25	28	****	****	****	25	18	16	8	5	1	2	11	16	16	19
12	21	28	27	30	21	20	23	23	21	22	25	20	****	22	15	8	10	16	12	5	7	20	19	22	19
13	26	25	29	29	29	30	30	29	28	28	27	27	26	26	25	25	25	21	19	17	17	18	17	16	25
14	21	21	23	27	28	27	23	17	11	11	22	29	32	30	30	27	24	24	27	29	23	25	19	4	23
15	0	8	19	27	27	31	31	31	31	31	32	34	33	36	37	36	34	34	31	27	26	25	24	25	28
16	28	26	24	23	20	19	17	15	14	20	22	22	22	22	23	23	23	18	16	13	18	17	17	18	20
17	25	24	23	21	19	20	18	19	23	30	32	32	****	34	35	34	31	31	30	27	25	24	22	25	26
18	27	28	27	29	29	27	24	27	31	31	32	35	38	38	38	36	36	36	33	31	27	22	27	25	31
19	28	27	27	26	22	27	21	27	33	34	36	37	37	38	40	39	37	37	31	21	30	27	25	20	30
20	25	25	15	15	17	3	3	2	6	15	21	****	35	32	25	29	30	23	15	2	2	3	2	2	15
21	0	0	0	0	0	0	4	14	14	23	27	26	31	26	29	25	24	15	18	15	18	11	1	1	13
22	8	20	8	3	10	21	20	21	25	29	34	37	35	36	36	37	40	37	21	11	0	0	7	17	21
23	16	21	24	21	23	23	10	22	19	23	12	19	36	35	37	29	24	20	3	0	0	0	0	6	18
24	16	5	0	4	11	2	3	7	11	18	16	17	25	41	38	44	41	11	30	21	37	23	37	40	21
25	43	45	42	40	32	20	14	11	18	23	19	24	31	35	47	52	38	19	1	1	1	9	30	32	26
26	36	34	21	17	12	12	12	10	8	23	20	21	22	17	16	7	12	6	7	17	25	25	26	25	18
27	26	26	22	12	23	18	15	17	18	21	21	****	20	21	20	21	22	20	19	18	18	17	17	17	20
28	21	21	21	22	23	23	23	21	14	19	18	15	15	11	7	12	13	15	9	9	12	10	10	7	15
29	0	4	19	21	25	26	26	27	30	35	31	26	30	33	35	36	34	27	27	13	5	0	1	9	22
30	5	13	22	18	4	6	4	12	25	25	****	19	22	18	21	25	23	18	19	24	20	11	2	0	15
MEAN	20	22	22	21	21	20	18	20	21	25	25	26	29	29	29	28	27	22	19	16	16	16	17	17	21 7

PERCENTAGE OF DATA VALID - 80.3 PERCENTAGE OF DATA INVALID - 19.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	19	18	24	21	21	19	19	21	19	20	20	20	22	24	24	25	24	17	18	16	14	12	18
2	19	18	15	12	2	1	12	16	26	20	19	24	15	28	31	16	10	7	****	9	4	3	7	17	14
3	23	27	29	28	27	22	17	21	20	15	10	8	11	12	7	3	****	****	****	****	29	28	29	29	20
4	28	26	25	23	22	14	15	16	6	****	27	28	26	15	14	6	-	24	22	19	11	19	20	23	20
5	22	26	26	28	26	25	28	32	33	32	33	36	30	33	35	40	35	31	25	25	32	16	28	27	29
6	27	23	24	28	28	29	29	26	23	28	31	34	31	30	29	26	32	33	31	26	27	27	30	33	29
7	36	37	40	43	41	32	29	34	46	43	44	49	48	52	51	47	51	59	51	29	21	22	21	36	40
8	39	35	37	35	23	9	3	8	15	21	18	33	43	45	51	52	28	18	13	24	44	38	26	34	29
9	7	17	22	3	2	2	3	20	42	50	56	65	73	80	81	76	59	47	36	30	5	2	4	4	33
10	4	4	4	4	4	3	3	5	22	44	59	20	43	52	38	35	23	32	46	16	20	15	6	2	21
11	2	3	2	37	35	5	26	22	24	20	22	33	45	37	38	30	27	30	31	40	35	54	53	25	28
12	1	32	20	14	43	31	20	35	29	33	31	41	34	48	41	38	34	30	27	30	33	34	37	31	31
13	27	28	36	29	29	29	29	31	32	34	36	37	36	38	41	40	36	35	30	21	26	19	4	4	29
14	5	6	6	8	11	16	15	29	26	34	35	37	****	32	26	29	25	28	8	16	4	4	15	29	19
15	25	11	12	21	15	13	15	6	5	7	11	18	32	42	33	38	39	33	33	15	27	34	37	26	23
16	35	38	38	37	39	35	32	33	36	36	35	36	39	40	38	36	36	35	30	19	17	15	19	24	32
17	-	25	9	****	11	12	20	20	27	20	23	23	25	34	26	25	21	16	7	3	3	2	2	5	16
18	6	11	19	28	26	18	17	18	19	20	17	****	49	34	27	26	25	15	21	21	5	12	26	25	21
19	17	14	11	6	4	1	3	7	10	13	20	23	29	33	21	21	21	20	11	10	12	12	7	2	14
20	2	5	11	14	11	14	12	17	14	13	19	22	32	40	43	41	37	35	21	39	29	16	****	****	22
21	****	16	28	39	27	24	28	39	44	37	38	33	33	31	28	29	28	22	22	20	17	21	25	26	28
22	29	28	29	25	27	10	15	23	29	****	19	22	26	24	24	19	18	16	12	10	5	16	19	****	20
23	27	27	35	35	36	25	22	18	18	11	13	16	17	15	25	15	7	11	6	3	****	11	13	18	18
24	17	18	23	26	28	24	23	24	21	19	22	23	24	32	27	23	23	10	0	****	****	****	19	25	21
25	26	25	30	30	-	****	27	20	27	28	****	****	****	28	28	27	27	27	28	28	28	26	18	24	26
26	20	9	13	10	7	8	10	10	12	8	9	12	9	12	10	16	11	7	11	11	8	10	12	23	11
27	23	21	21	14	7	9	12	14	14	20	25	24	27	27	27	25	22	22	17	15	9	4	4	17	18
28	26	22	22	21	17	9	7	6	7	18	21	****	34	23	17	22	17	21	19	3	8	14	9	4	16
29	4	4	3	2	5	4	5	4	0	1	7	12	9	31	26	14	11	4	5	1	1	3	7	1	7
30	4	5	6	4	5	4	6	18	23	18	28	33	39	47	42	51	43	47	35	19	17	1	2	4	21
31	4	4	4	4	6	8	6	5	23	****	****	44	63	59	57	51	35	28	7	****	****	2	10	22	22
MEAN	17	18	20	21	20	15	16	19	22	24	26	29	32	35	32	30	28	26	22	19	18	17	17	19	22.6

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 3.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	29	41	43	29	11	4	2	31	35	22	****	-	-	25	26	16	11	3	****	****	1	0	0	19
2	0	2	8	0	0	34	38	32	22	23	27	29	30	35	40	45	36	29	27	25	28	24	7	16	23
3	4	7	7	1	3	19	16	18	24	30	35	38	46	55	59	57	56	53	49	43	11	13	20	1	28
4	0	0	1	16	0	2	6	20	36	38	19	63	65	74	68	57	58	60	51	41	19	30	31	13	32
5	5	5	23	19	30	5	17	18	27	20	31	-	39	37	33	35	34	31	30	23	10	10	12	14	22
6	17	19	19	18	15	11	13	15	14	14	15	14	15	13	11	12	17	16	13	4	2	4	7	10	13
7	9	18	25	24	19	12	11	6	8	12	23	34	43	44	44	48	58	51	43	34	34	43	41	23	29
8	24	24	22	6	0	0	1	11	10	20	25	16	23	26	34	40	39	31	31	29	22	4	3	9	19
9	1	1	0	0	0	1	3	5	15	23	30	31	28	34	30	28	27	25	27	23	22	22	25	25	18
10	20	21	18	21	30	26	22	14	22	19	19	31	42	43	49	52	52	50	42	38	33	19	20	22	30
11	20	19	21	18	16	11	5	13	16	17	17	17	16	16	15	****	17	-	-	11	4	5	5	8	14
12	12	11	13	11	13	8	7	9	15	17	****	18	20	22	22	21	23	23	****	18	12	14	10	12	15
13	15	14	16	20	17	11	9	19	22	23	24	25	25	39	37	29	28	27	26	21	12	4	7	9	20
14	9	7	8	9	****	8	****	****	13	****	29	37	39	37	32	28	29	25	29	14	17	16	11	8	20
15	3	4	2	1	2	3	1	18	23	34	****	****	68	72	73	70	68	65	58	48	38	43	47	28	35
16	41	26	30	42	26	13	17	23	24	33	44	77	74	86	85	87	91	85	77	63	61	52	15	6	49
17	6	17	11	44	36	28	29	49	55	63	65	64	72	82	84	82	83	74	74	71	59	57	57	55	55
18	39	32	26	23	23	21	23	26	34	32	****	32	32	-	35	33	26	30	26	15	9	8	7	10	25
19	16	22	27	30	31	26	27	26	28	31	27	26	31	34	32	31	33	30	25	11	3	4	9	12	24
20	17	20	25	31	30	25	27	18	21	24	26	28	31	37	36	37	36	38	41	39	33	29	30	33	30
21	32	25	21	41	40	26	18	24	26	25	18	14	17	22	29	28	26	31	28	26	19	17	16	16	24
22	17	13	21	24	14	16	8	11	18	12	15	23	28	40	17	20	-	19	16	16	15	18	20	19	18
23	19	19	18	18	17	16	15	14	14	14	13	14	16	17	17	17	18	15	14	14	13	12	10	8	15
24	11	17	****	18	18	18	18	****	24	28	28	33	33	31	29	30	32	32	30	25	20	19	21	22	24
25	26	27	28	28	26	18	25	23	22	19	18	23	30	30	25	24	-	20	18	9	4	4	5	6	20
26	7	8	9	10	11	12	12	10	17	21	23	27	41	41	****	29	32	34	29	25	15	23	16	13	20
27	11	13	30	47	50	42	25	29	24	22	30	42	44	43	43	37	44	59	33	28	22	33	39	14	34
28	12	26	23	21	15	13	9	8	5	10	14	17	28	50	35	35	33	34	22	14	16	18	6	9	20
29	22	25	29	32	10	8	13	12	23	24	27	26	19	29	26	14	18	33	28	23	21	15	27	-	22
30	26	33	37	37	35	33	32	28	29	32	36	34	31	36	42	-	45	52	43	35	36	44	48	45	37
MEAN	16	17	19	22	19	16	16	18	22	25	26	31	35	40	38	38	38	37	33	27	21	20	19	16	25.2

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RO/OLIVE AVE, OSHAWA MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	46	46	48	49	49	45	38	29	26	31	28	34	39	40	41	43	40	41	25	11	19	23	17	18	34
2	16	17	16	13	10	9	15	22	37	34	20	15	15	17	20	20	26	28	27	21	19	25	28	27	21
3	29	30	23	24	22	17	15	17	19	****	****	26	27	28	27	28	29	30	27	24	20	18	17	13	23
4	15	15	18	17	16	5	10	26	32	29	26	23	29	29	30	30	29	30	30	27	27	28	28	26	24
5	26	26	26	24	23	18	19	22	17	16	20	****	23	24	24	24	26	27	26	23	21	23	22	22	23
6	23	25	25	25	25	21	19	20	27	29	29	30	31	32	32	31	34	33	30	24	17	16	24	19	26
7	24	24	25	25	24	20	13	12	18	19	28	35	38	34	40	38	37	39	36	31	13	4	4	8	25
8	6	7	6	7	8	11	14	26	28	29	38	46	49	47	55	54	55	60	55	31	18	12	8	17	29
9	23	26	35	39	30	14	13	10	19	24	40	50	54	66	51	42	42	47	42	41	51	32	21	13	34
10	42	60	57	42	30	10	8	22	25	****	9	-	14	13	14	17	15	20	13	9	13	17	22	36	23
11	26	20	2	0	0	1	2	11	20	28	41	35	46	63	60	54	60	83	101	53	31	38	14	2	33
12	0	0	0	2	1	3	7	29	32	50	48	****	129	149	137	127	115	96	83	56	34	5	4	4	48
13	12	20	12	14	9	7	9	13	20	35	47	47	61	68	61	63	59	45	32	4	10	13	5	4	28
14	4	4	4	6	22	34	43	47	47	51	60	60	61	52	53	59	56	61	69	62	55	47	20	10	41
15	32	25	10	18	24	43	58	69	74	72	78	85	93	87	81	80	79	76	67	50	23	22	29	25	54
16	22	17	28	27	28	19	23	26	40	48	48	74	86	88	72	37	35	36	33	27	19	17	18	17	37
17	19	19	20	23	20	16	16	-	21	26	18	19	24	21	21	24	22	12	18	9	10	15	12	12	18
18	14	11	16	14	14	6	10	13	15	17	24	34	34	40	42	38	40	44	39	40	17	2	14	13	23
19	15	14	9	4	4	2	4	13	22	26	****	42	47	62	52	60	75	60	49	29	21	2	7	3	27
20	1	2	2	2	10	4	8	23	22	39	66	79	79	80	90	77	65	55	43	22	7	6	5	5	33
21	****	5	10	18	12	16	26	35	39	46	50	56	74	82	78	86	86	87	86	66	27	34	22	32	47
22	28	16	11	21	27	32	-	33	63	72	86	98	97	97	97	97	93	87	86	89	79	58	15	27	61
23	****	50	49	47	41	21	22	18	42	58	64	71	72	74	64	58	56	69	75	56	37	47	22	31	50
24	42	31	31	28	17	10	16	32	37	44	46	****	65	73	73	70	64	52	41	32	43	51	43	39	43
25	39	37	35	22	17	11	10	13	17	19	23	25	29	44	38	45	43	29	41	26	21	26	27	22	27
26	17	16	13	6	7	4	4	8	14	9	11	9	14	16	12	12	15	17	16	16	17	16	13	18	13
27	18	18	17	17	16	11	9	10	14	23	24	27	30	-	25	32	46	43	38	29	24	10	0	0	21
28	0	4	8	8	11	13	10	5	14	22	23	18	28	43	46	52	46	36	24	23	10	9	17	21	20
29	18	15	9	6	1	6	14	15	18	20	27	29	30	33	39	43	43	42	34	34	27	14	0	0	22
30	7	10	5	9	11	4	5	4	1	14	20	32	55	46	29	31	32	25	25	25	24	29	25	27	21
31	27	32	31	34	37	29	11	12	23	30	33	39	40	40	46	50	40	31	27	17	4	1	13	27	28
MEAN	20	21	19	19	18	15	16	21	27	33	37	42	49	53	50	49	48	46	43	32	24	21	17	17	30.8

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RO/OLIVE AVE, OSHAWA MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	27	29	28	24	16	13	15	19	22	18	11	6	14	23	24	20	21	8	6	9	15	17	18	18
2	16	18	26	23	48	13	7	11	20	25	31	32	31	35	33	32	33	33	23	13	0	1	10	9	22
3	6	0	0	0	0	0	2	9	22	34	46	50	51	54	50	52	55	48	40	30	16	2	5	2	24
4	3	2	6	8	2	3	3	7	24	37	51	69	79	69	72	71	66	73	68	62	27	15	24	22	36
5	19	20	8	20	32	32	16	29	39	46	47	51	48	48	53	52	45	43	44	38	38	34	33	36	36
6	41	39	35	29	19	14	14	15	15	16	19	21	23	25	25	26	24	22	17	7	1	2	6	10	19
7	15	14	11	9	7	2	6	13	15	11	8	****	****	12	25	32	38	44	47	27	38	33	28	27	21
8	22	10	9	14	10	4	3	3	7	19	25	20	28	25	26	26	25	26	23	18	14	14	11	13	16
9	12	13	17	15	14	5	8	12	13	****	14	16	15	****	14	14	12	8	5	3	6	7	10	10	11
10	11	11	15	23	20	15	9	6	5	10	15	38	39	38	35	35	33	34	32	21	17	18	18	17	21
11	17	15	16	16	15	12	12	13	14	15	18	19	21	19	18	19	20	21	18	8	2	9	11	12	15
12	12	12	12	15	15	14	13	14	16	19	19	19	19	18	19	23	26	23	12	2	1	1	1	2	14
13	6	6	8	4	8	2	5	8	18	21	27	30	36	39	43	43	41	39	39	42	43	37	35	33	26
14	31	31	28	31	26	20	14	15	19	16	****	15	10	****	12	13	13	13	-	11	10	11	11	10	17
15	10	9	10	10	11	11	9	11	11	12	12	13	13	13	12	11	11	13	11	6	3	5	3	5	10
16	7	8	11	10	11	5	6	7	15	17	20	21	17	****	17	20	35	36	31	7	0	****	****	0	14
17	1	3	4	4	****	****	****	****	****	****	****	****	****	****	12	11	4	7	7	3	2	2	6	****	******
18	3	2	1	2	****	2	6	2	1	3	5	1	0	1	1	1	2	1	0	0	****	****	****	****	2
19	****	****	****	8	17	15	15	16	18	18	18	19	20	21	21	20	20	20	7	****	****	****	1	6	16
20	11	12	10	10	7	****	0	3	7	5	9	13	18	16	14	11	6	3	2	****	****	****	****	****	9
21	****	****	****	****	****	****	****	5	13	****	21	25	25	25	27	20	17	12	9	1	0	0	2	2	13
22	5	8	10	11	12	7	8	11	12	11	14	15	17	17	15	16	13	10	6	11	6	7	5	15	11
23	14	12	9	9	13	6	4	3	6	6	2	****	7	9	7	10	7	4	8	8	7	13	11	15	8
24	16	13	9	2	3	7	5	7	****	19	21	30	32	28	32	43	42	36	34	33	35	26	13	10	22
25	14	24	25	32	29	17	22	24	28	30	33	38	43	45	44	44	41	39	19	20	19	18	14	2	28
26	2	3	1	1	1	3	4	15	22	22	18	20	23	23	24	24	24	18	12	11	7	10	10	15	13
27	22	27	33	41	34	29	5	7	26	34	35	42	49	54	47	45	40	37	18	4	0	0	1	4	26
28	12	12	19	19	18	8	6	9	6	15	16	20	25	26	21	17	23	14	13	10	10	14	12	29	16
29	36	32	26	21	32	15	11	9	17	22	29	19	23	20	19	37	32	35	23	9	18	18	10	1	21
30	1	0	0	0	1	1	1	3	24	35	****	53	60	59	51	41	37	34	26	22	25	24	23	23	24
31	23	20	18	14	12	3	6	12	12	10	17	19	22	24	23	23	25	11	4	1	0	0	0	0	12
MEAN	14	14	14	14	16	10	8	10	16	20	22	26	28	29	27	28	27	25	20	15	13	12	12	12	18 1

PERCENTAGE OF DATA VALID - 93.4 PERCENTAGE OF DATA INVALID - 6.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RO/OLIVE AVE, OSHAWA MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	2	3	4	1	4	6	13	20	34	50	65	62	63	49	44	41	42	42	42	29	45	47	30
2	46	49	50	45	40	41	33	39	39	37	40	43	38	39	43	41	37	38	37	34	30	31	27	28	39
3	31	23	10	6	5	8	17	23	28	29	31	32	30	34	45	30	24	19	14	11	9	8	8	11	20
4	11	10	10	11	11	3	4	8	11	11	10	15	20	22	16	18	18	17	12	1	0	0	1	1	10
5	2	8	15	16	12	2	5	11	16	18	22	23	34	36	23	20	17	22	52	63	60	53	37	29	25
6	23	21	19	17	12	7	4	6	9	9	16	32	60	69	71	60	46	46	44	41	36	35	33	29	31
7	25	21	17	16	13	6	7	11	12	16	18	14	16	14	9	8	11	11	6	4	6	10	11	11	12
8	14	15	18	17	17	12	10	14	19	22	22	23	24	24	25	25	24	19	16	7	8	8	4	6	16
9	2	4	10	12	13	8	8	12	18	21	27	29	34	37	40	39	36	30	29	22	28	25	32	30	23
10	35	34	33	31	20	12	13	24	27	22	26	22	24	27	9	15	11	19	17	13	11	8	3	1	19
11	1	1	1	1	0	0	1	5	16	20	20	21	24	23	27	-	28	24	7	0	0	1	1	5	10
12	10	14	19	18	12	4	4	6	13	14	17	19	22	23	22	22	22	12	9	12	16	20	20	22	16
13	22	20	18	13	11	5	4	7	26	37	****	52	49	****	58	54	40	25	17	30	36	36	28	35	28
14	36	39	33	29	36	31	28	16	20	22	26	16	13	20	22	23	21	18	15	13	11	11	8	6	21
15	5	5	5	4	9	7	6	12	18	23	27	27	28	30	30	29	27	23	16	14	7	8	5	1	15
16	1	1	4	12	8	8	14	20	21	21	25	28	32	35	38	36	45	36	38	33	34	21	1	1	21
17	1	1	1	1	1	1	2	5	11	23	28	39	52	55	60	51	43	43	32	39	37	31	35	35	26
18	40	35	36	28	27	10	5	15	25	32	45	57	57	62	52	38	40	48	41	****	22	18	13	10	33
19	12	15	17	21	22	15	14	18	22	24	24	26	27	28	26	28	26	****	12	8	8	9	7	2	18
20	1	1	1	1	1	1	1	4	8	18	20	23	****	33	33	37	29	24	17	17	16	8	4	1	13
21	1	1	3	3	4	2	2	2	5	13	17	16	28	28	19	18	18	14	10	3	****	2	4	6	10
22	5	5	2	2	10	13	12	14	17	20	21	23	24	25	24	26	25	20	12	10	12	13	16	13	15
23	12	14	14	15	17	16	15	17	19	19	19	16	17	20	21	22	17	10	2	2	2	2	2	2	13
24	3	7	11	14	11	5	7	8	10	14	17	22	28	28	24	24	20	14	7	6	12	10	6	6	13
25	4	2	2	5	3	1	2	2	5	12	18	18	****	24	30	47	39	33	16	2	0	0	0	0	12
26	3	5	1	1	1	11	5	6	20	28	31	33	37	55	41	23	21	12	3	0	0	0	0	1	14
27	2	4	1	0	2	2	1	2	3	11	25	29	40	38	40	38	16	18	3	5	13	4	7	14	13
28	16	14	13	11	7	2	0	1	0	5	16	12	9	10	11	16	14	8	1	5	5	10	9	6	8
29	3	1	0	0	7	6	2	2	20	25	22	27	33	33	33	27	28	18	3	5	12	17	20	20	15
30	20	24	26	23	19	17	10	15	10	20	29	33	40	39	39	33	31	27	22	9	5	0	20	22	22
MEAN	13	13	13	13	12	9	8	11	16	20	24	27	32	34	33	31	27	24	18	16	16	14	14	13	18.7

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RO/OLIVE AVE, OSHAWA MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	29	28	20	4	5	3	9	17	18	20	16	16	9	14	14	10	7	7	10	2	0	4	13	12
2	19	16	18	17	20	13	11	11	12	23	22	15	20	21	16	21	20	23	24	25	17	15	16	22	18
3	24	21	23	21	17	10	7	7	11	16	8	9	10	8	7	4	2	0	0	5	18	3	1	3	10
4	9	21	25	26	15	0	0	1	0	1	1	****	17	16	8	8	6	6	5	5	2	1	2	1	8
5	1	4	15	9	5	1	2	2	3	7	7	10	9	6	3	3	2	2	2	15	9	18	17	19	7
6	15	17	20	22	22	10	9	8	8	9	12	16	17	19	17	13	17	22	15	19	17	24	29	22	17
7	13	12	17	18	15	19	20	18	16	18	19	18	19	17	16	17	17	18	18	18	18	13	11	12	17
8	15	-	16	15	18	17	15	19	23	25	26	26	27	23	23	14	10	4	3	2	2	3	9	12	15
9	20	22	23	21	19	18	17	16	16	18	-	****	20	25	20	20	17	13	8	5	4	2	1	1	15
10	1	3	-	3	3	****	2	6	13	12	15	16	15	18	16	12	10	13	12	14	12	12	16	21	11
11	21	19	14	4	1	1	1	2	5	11	15	15	17	****	****	14	12	14	13	15	8	6	5	15	10
12	20	23	23	19	17	9	6	5	4	5	5	10	12	15	12	8	3	1	1	1	2	14	6	3	9
13	6	6	12	11	11	6	2	3	6	10	8	13	17	19	21	19	16	12	13	17	16	12	7	6	11
14	1	7	10	11	12	12	13	14	16	21	25	25	27	28	27	25	24	18	13	14	6	1	3	2	15
15	2	1	1	2	3	1	2	-	2	****	3	5	6	11	7	6	7	12	12	12	15	14	17	13	7
16	15	18	17	15	16	11	7	10	18	17	19	-	****	18	17	15	12	7	3	3	3	6	9	13	12
17	15	12	15	15	14	6	1	-	-	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	4
18	1	1	10	11	7	9	6	5	9	11	8	7	8	11	9	9	****	1	0	0	0	0	0	3	5
19	11	11	12	11	10	6	4	7	9	10	11	12	10	11	6	-	-	6	22	18	12	20	11	27	12
20	20	19	12	22	20	13	12	7	12	19	21	29	30	29	22	15	7	3	10	8	7	2	0	8	14
21	15	18	22	22	18	18	17	18	20	21	24	28	27	29	30	26	29	22	6	0	0	0	0	0	17
22	0	0	0	0	2	0	0	0	1	10	18	19	25	28	30	24	13	2	7	2	1	4	4	18	9
23	24	23	29	25	15	0	1	3	5	6	****	1	2	6	7	5	2	3	5	1	3	5	7	8	8
24	8	7	9	8	5	4	3	3	4	3	4	6	6	3	7	12	13	15	17	17	19	-	21	21	9
25	22	22	21	20	20	14	14	11	19	18	19	23	23	23	21	20	17	16	12	15	19	19	15	9	18
26	16	15	13	16	20	17	15	14	20	17	****	-	24	-	21	21	17	13	13	12	1	12	1	14	15
27	16	17	18	21	22	16	17	15	14	8	17	15	14	16	16	14	12	10	11	14	14	21	22	20	16
28	16	19	-	20	20	17	15	13	12	4	2	8	7	8	11	10	5	2	2	5	6	15	18	18	11
29	19	18	19	18	18	14	13	9	10	12	13	12	12	15	13	12	7	6	9	5	6	6	4	4	11
30	6	4	13	20	21	19	12	11	11	17	16	15	16	19	17	17	8	3	3	5	10	8	9	7	12
31	7	12	13	16	14	13	6	5	10	15	18	18	19	****	21	21	14	13	17	19	14	10	11	12	14
MEAN	13	14	16	15	14	10	8	9	11	13	14	14	16	16	15	14	11	9	9	10	9	9	9	11	12.0

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	16	16	20	15	14	7	7	6	8	11	9	11	12	13	10	10	7	9	2	0	11	21	7	11
2	4	7	7	1	1	1	1	1	1	2	7	17	13	11	12	10	3	1	2	2	2	0	1	7	5
3	10	9	3	2	2	1	0	2	8	9	6	13	17	17	15	14	15	7	16	18	10	6	5	-	9
4	1	1	5	5	8	12	15	17	18	21	22	24	22	22	21	19	10	3	4	4	2	0	0	0	11
5	0	0	0	0	0	0	0	0	0	6	11	11	12	13	11	5	0	0	0	1	0	0	1	1	3
6	1	2	3	4	3	3	1	0	1	2	3	3	2	1	1	1	0	0	0	1	1	1	0	1	1
7	2	2	4	13	11	9	10	10	14	17	17	16	21	23	21	19	14	8	8	5	7	3	4	7	11
8	8	1	1	6	8	-	****	12	8	7	9	8	10	9	5	2	2	2	3	4	3	1	1	0	5
9	0	0	0	0	0	0	0	1	2	7	11	7	3	****	6	10	13	16	16	-	15	15	13	11	7
10	4	2	6	13	16	18	18	17	21	25	28	28	28	29	27	24	20	21	22	18	17	21	20	21	19
11	19	18	-	19	27	28	27	27	26	23	18	16	-	20	19	20	25	28	25	26	23	19	15	15	22
12	16	21	30	-	36	39	35	34	38	44	38	36	33	32	22	10	4	2	2	0	1	3	11	19	22
13	23	25	27	29	29	28	24	19	16	19	20	19	18	20	23	19	20	16	14	12	10	13	10	7	19
14	16	21	16	11	18	17	14	18	19	21	28	****	21	21	21	19	14	7	5	4	10	18	15	12	16
15	12	14	13	13	14	14	15	14	16	23	19	19	16	18	12	11	9	9	9	9	9	13	21	28	15
16	35	35	37	38	35	32	22	10	****	****	****	****	****	****	8	3	1	1	3	8	2	0	0	0	15
17	0	1	1	3	6	4	4	2	3	4	4	5	8	11	8	5	2	0	1	1	2	1	0	0	3
18	0	0	0	0	0	0	0	1	5	10	9	15	13	11	9	5	6	4	2	1	2	4	5	6	5
19	9	9	9	12	13	11	5	4	5	4	4	4	4	4	4	3	2	2	2	2	1	2	2	2	5
20	2	2	2	2	2	2	2	2	2	2	2	3	10	10	8	9	13	11	14	16	15	19	18	16	8
21	18	18	19	22	20	12	2	4	3	10	9	12	10	14	16	10	14	-	16	18	15	1	10	9	12
22	7	6	3	2	2	2	2	2	2	2	2	4	8	11	9	6	8	10	8	7	5	11	7	6	6
23	8	6	5	5	1	1	3	2	2	4	7	6	5	7	4	2	2	3	3	2	2	2	3	3	4
24	5	-	3	2	9	17	14	7	13	19	20	17	17	17	16	13	9	6	3	2	2	****	2	2	10
25	2	2	2	2	1	1	1	2	6	7	8	9	10	10	12	11	9	11	13	14	13	10	9	9	7
26	10	10	10	8	9	9	9	5	6	10	17	14	13	17	16	14	14	13	14	16	18	18	18	19	13
27	21	17	15	13	14	18	11	8	7	8	7	****	14	9	9	7	6	6	4	3	0	0	0	0	9
28	0	7	11	11	8	3	3	2	13	18	20	22	19	17	18	14	9	1	2	3	3	2	6	9	9
29	14	12	9	7	8	10	7	5	4	5	10	11	12	14	13	9	-	****	1	2	0	1	0	1	7
30	5	0	0	3	12	6	5	4	6	10	13	13	15	16	14	11	4	5	7	1	0	0	0	0	6
MEAN	9	9	9	9	11	11	9	8	9	12	13	13	14	15	13	11	9	7	8	7	6	7	7	8	9.7

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	0	1	2	0	0	3	9	4	5	8	8	6	****	7	7	7	9	10	12	10	12	5
2	14	13	17	19	20	18	18	17	19	20	23	24	23	24	24	24	17	4	7	3	0	2	1	1	15
3	0	0	0	0	0	0	1	1	3	8	11	13	13	15	17	15	****	11	12	14	7	3	3	2	6
4	1	2	2	2	1	0	0	0	1	2	1	****	19	20	19	15	10	7	4	2	4	1	2	1	5
5	1	3	3	2	6	5	3	3	3	2	10	14	17	12	15	16	12	9	11	21	21	21	10	24	10
6	18	18	14	17	8	4	1	1	2	6	5	5	3	3	3	2	2	3	3	1	2	1	2	1	5
7	1	1	1	1	1	1	1	2	2	8	8	15	10	13	9	8	6	4	3	4	11	11	8	2	5
8	1	4	17	18	20	22	23	23	22	21	20	20	20	20	21	20	15	8	****	8	10	14	15	14	16
9	14	9	11	11	14	14	12	12	12	16	12	9	12	12	12	10	2	1	1	1	1	7	15	16	10
10	19	17	10	2	3	5	4	4	6	11	11	9	****	12	12	10	8	8	8	7	5	3	2	2	8
11	2	4	6	11	13	9	3	3	4	7	15	15	16	17	11	11	12	8	9	5	11	10	10	15	9
12	16	15	14	12	14	13	6	11	9	10	10	14	17	18	18	15	14	15	14	17	16	18	17	18	14
13	19	21	21	22	22	24	20	17	14	19	18	19	73	17	16	11	6	3	1	2	4	6	4	2	16
14	2	16	15	7	10	8	4	2	3	6	10	16	15	****	16	15	10	6	5	7	6	10	12	13	9
15	15	13	3	2	2	2	3	14	11	10	13	12	14	16	18	16	14	10	5	7	6	4	3	3	9
16	4	2	3	3	2	3	3	2	3	3	4	3	2	2	2	5	18	19	19	20	20	20	21	22	9
17	24	24	24	24	24	25	19	15	12	19	21	18	11	14	19	19	16	8	12	13	15	14	16	17	18
18	16	14	19	19	20	19	16	16	16	19	21	22	22	22	21	16	15	12	12	16	15	18	19	19	18
19	21	20	19	19	20	20	19	20	19	20	20	20	21	21	20	18	17	17	17	17	17	17	16	16	19
20	16	16	14	15	13	11	10	8	8	9	11	11	9	9	9	7	4	3	3	3	2	2	2	2	8
21	2	2	2	2	2	2	2	2	2	3	4	8	7	7	8	4	3	2	2	2	2	2	2	2	3
22	2	2	3	9	12	9	5	5	3	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	3
23	2	2	2	2	4	5	4	3	2	2	2	3	2	3	2	2	3	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	3	3	5	****	5	4	5	6	5	5	5	5	5	4	4	4	3	3	4
25	3	2	1	3	6	7	7	8	9	11	12	14	14	15	14	14	15	15	17	17	17	17	18	19	11
26	20	21	22	22	23	22	19	21	19	19	18	19	21	19	19	18	17	17	16	15	10	1D	11	12	18
27	14	13	15	17	15	17	16	15	17	15	17	20	21	22	21	20	16	16	15	14	15	15	18	18	17
28	17	20	21	22	23	23	22	20	19	20	15	17	21	21	20	18	12	6	3	3	2	2	3	3	15
29	10	9	9	11	15	17	18	18	17	18	19	22	21	22	21	17	9	6	2	4	12	10	10	4	13
30	15	16	4	4	8	8	12	19	17	14	20	20	22	23	24	20	14	10	9	10	12	11	9	12	14
31	18	11	2	2	2	2	2	2	2	6	10	10	10	10	7	5	2	2	2	2	2	2	2	-	5
MEAN	10	10	10	10	11	10	9	9	9	11	12	13	16	14	14	13	10	8	8	8	8	9	9	9	10 4

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	5	11.4	15	17
FEB	28	11.5	23	32
MAR	29	12.9	24	45
APR	24	21.7	31	52
MAY	31	22.6	40	81
JUN	30	25.2	55	91
JUL	31	30.8	61	149
AUG	30	18.1	36	79
SEP	30	18.7	39	71
OCT	31	12.0	18	30
NOV	30	9.7	22	44
DEC	31	10.4	19	73
YEAR	330	17.5	61	149

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	47	83	0	0	0	0	0	0	130
FEB	261	395	4	0	0	0	0	0	660
MAR	280	409	10	0	0	0	0	0	699
APR	79	400	98	1	0	0	0	0	578
MAY	149	387	155	22	1	0	0	0	714
JUN	109	384	148	44	9	0	0	0	694
JUL	111	343	161	85	25	2	4	0	731
AUG	228	341	104	22	0	0	0	0	695
SEP	236	335	118	23	0	0	0	0	712
OCT	303	417	0	0	0	0	0	0	720
NOV	423	260	16	0	0	0	0	0	699
DEC	382	353	0	1	0	0	0	0	736
YEAR	2608	4107	814	198	35	2	4	0	7768

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
88.7	0	1.6	8.9	14.7	21.0	33.8	42.3	58.0	71.2	149	17.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45125 NATURAL RESOURCES BLDG. ORONO MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	6	9	12	12	5	1	5	10	12	13	15	13	9	5	5	4	6	9	12	13	13	15	9
2	19	21	21	23	23	24	25	25	25	25	25	25	27	26	25	25	25	24	25	25	25	25	26	27	24
3	26	24	24	23	23	13	9	10	12	16	20	21	21	21	21	19	9	3	4	10	10	12	3	5	15
4	8	12	14	14	14	14	14	14	12	9	18	23	25	30	27	28	27	25	24	21	15	11	20	26	19
5	27	27	27	26	26	27	26	23	14	9	16	17	19	21	16	10	9	2	0	5	7	9	10	9	16
6	9	6	5	6	11	8	2	0	4	8	14	15	14	12	20	22	25	25	26	26	11	12	11	8	13
7	17	17	14	10	12	9	7	1	9	14	16	13	14	13	13	13	9	7	11	9	7	10	12	14	11
8	15	14	19	19	17	18	14	14	2	11	21	23	25	29	31	28	30	26	25	21	20	17	15	9	19
9	5	0	8	13	9	12	13	9	5	5	6	10	13	14	10	10	4	0	0	0	0	0	0	0	6
10	0	1	1	1	1	1	4	8	12	14	17	21	25	26	26	28	25	26	27	28	29	28	28	26	17
11	25	23	22	23	16	12	13	2	2	12	25	25	22	15	13	18	14	8	15	20	18	15	13	17	16
12	17	11	14	15	19	23	13	10	17	20	22	25	24	23	20	22	15	3	4	6	9	9	10	10	15
13	13	13	13	11	13	12	10	9	9	10	12	15	18	16	16	16	16	17	18	17	14	13	14	16	14
14	17	14	12	11	13	12	5	3	3	3	22	23	25	26	26	27	30	32	28	27	27	28	28	30	20
15	31	29	30	30	29	29	27	26	24	25	27	28	28	28	29	25	21	12	0	3	2	7	7	7	21
16	10	14	19	18	14	13	11	5	0	12	16	21	26	32	34	33	27	17	9	19	11	11	4	2	16
17	14	26	28	30	28	28	25	25	19	16	16	17	19	16	19	20	16	17	16	14	13	8	1	3	18
18	15	21	14	18	21	24	23	25	26	26	27	29	31	32	32	31	30	29	27	28	25	26	26	26	26
19	26	26	23	20	25	26	23	24	24	28	28	28	28	27	28	26	26	28	28	27	28	26	24	16	26
20	21	18	20	21	23	22	20	21	20	19	18	18	17	17	16	15	9	7	9	11	12	12	13	14	16
21	15	11	10	11	13	14	14	15	17	20	20	22	26	27	26	26	27	28	28	28	29	30	30	29	22
22	28	28	28	28	28	28	28	28	28	28	28	28	28	29	30	30	33	35	33	31	28	29	31	28	29
23	29	25	18	7	0	27	27	22	15	10	14	24	28	27	26	25	27	28	29	27	20	22	22	23	22
24	22	20	19	16	16	14	15	13	14	16	16	18	21	24	27	27	27	25	24	23	23	22	23	24	20
25	26	25	28	29	30	30	31	30	27	26	25	24	24	25	24	27	25	26	28	27	27	26	29	27	27
26	27	28	27	26	26	26	26	27	26	26	27	27	27	27	27	27	26	26	26	27	27	26	25	25	26
27	26	26	26	25	25	23	21	24	23	21	22	21	23	23	23	21	18	15	12	10	7	12	18	16	20
28	16	15	16	19	20	20	21	22	22	22	23	22	24	23	23	23	23	23	24	24	25	25	24	24	22
29	27	27	27	27	27	28	27	27	28	28	28	29	31	29	29	29	29	29	29	29	29	29	29	29	28
30	29	28	29	28	28	28	28	28	28	28	30	30	32	32	32	32	32	32	32	32	31	31	30	30	30
31	31	30	30	31	31	31	31	31	31	31	31	31	30	30	30	30	29	28	28	28	28	29	29	30	30
MEAN	19	19	19	19	19	20	18	17	16	18	21	22	24	24	23	23	22	20	19	20	18	18	18	18	19.8

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45125 NATURAL RESOURCES BLDG. ORONO MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	30	30	29	28	27	28	29	29	28	30	30	30	30	30	30	30	30	30	30	30	31	31	32	30
2	32	32	32	32	32	32	32	32	32	32	32	32	34	34	34	34	34	32	31	32	31	31	31	29	32
3	30	28	26	24	25	27	24	9	15	27	29	30	29	36	32	20	15	8	4	2	0	2	3	11	19
4	12	3	11	13	15	19	17	9	3	9	20	23	43	49	49	47	45	40	40	38	36	34	32	29	27
5	29	29	30	31	31	31	30	29	29	29	30	30	31	****	30	30	30	30	29	29	29	27	27	26	29
6	26	26	26	25	26	26	25	25	23	24	26	27	28	30	33	34	24	18	21	23	24	23	19	16	25
7	18	14	14	18	20	21	22	16	18	22	25	28	29	29	31	****	29	28	29	28	28	28	28	28	24
8	28	27	27	25	22	23	23	28	25	26	26	28	33	34	35	34	33	30	30	29	28	27	28	27	28
9	28	28	28	27	26	26	26	26	26	26	27	27	29	30	32	32	33	34	30	27	25	24	25	25	28
10	20	23	24	25	13	17	23	25	28	28	29	29	31	32	34	35	35	35	33	32	27	26	27	26	27
11	29	28	28	28	26	25	25	25	23	25	27	29	31	32	32	34	34	34	29	13	17	20	7	1	25
12	0	8	17	16	14	7	4	10	15	22	25	28	30	30	30	30	29	24	23	18	22	25	27	28	20
13	28	27	28	27	28	27	27	27	26	27	28	29	32	32	33	34	34	32	30	27	30	30	28	28	29
14	26	24	26	26	24	23	24	26	28	28	29	29	30	31	31	31	31	30	27	26	25	27	28	29	27
15	30	30	29	28	29	29	29	28	28	29	29	29	32	34	34	35	34	33	33	32	31	32	32	32	31
16	32	32	32	32	31	30	15	27	26	23	30	29	33	34	35	34	34	34	34	32	31	30	30	30	30
17	29	30	29	28	27	28	28	27	27	28	28	30	32	33	35	35	36	35	31	31	30	30	30	29	30
18	28	29	31	32	32	33	33	32	32	31	31	31	32	32	33	34	34	35	34	32	26	26	29	30	31
19	29	27	25	24	24	21	17	16	16	15	20	21	30	31	33	30	27	30	32	20	14	17	12	5	22
20	0	0	0	5	3	2	22	12	14	18	28	29	30	37	39	29	30	23	21	23	11	2	2	0	16
21	0	0	0	0	5	7	11	12	10	13	19	21	17	13	12	17	17	18	15	12	11	13	30	50	13
22	53	47	43	43	44	42	37	36	33	34	34	34	39	43	47	47	38	34	19	12	9	11	21	23	34
23	35	36	37	32	31	35	37	36	35	37	41	48	47	45	41	34	34	35	31	28	18	16	19	18	34
24	17	23	15	10	10	9	17	18	17	22	27	36	37	39	41	44	48	44	40	32	31	31	31	30	28
25	31	31	32	32	32	33	32	31	30	29	30	31	34	35	36	37	35	34	36	37	38	37	36	34	33
26	34	34	34	34	34	35	34	34	32	32	31	32	32	33	34	33	31	30	33	33	32	32	33	32	33
27	32	34	34	34	32	34	28	30	32	28	31	35	40	46	47	46	45	45	43	43	46	45	43	43	38
28	44	43	43	41	33	30	24	21	23	26	34	36	35	44	39	55	60	51	32	2	2	7	5	4	31
MEAN	26	26	26	26	25	25	25	24	24	26	28	30	33	34	35	35	34	32	29	26	24	24	25	25	27 7

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45125 NATURAL RESOURCES BLDG. ORONO MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	33	29	31	36	37	35	41	41	44	46	49	49	46	44	44	44	44	44	44	42	41	38	37	40
2	35	36	38	39	39	38	32	36	36	38	41	42	43	44	46	49	48	39	21	19	30	32	34	36	37
3	37	31	30	32	32	30	29	29	27	27	28	30	38	44	48	52	55	57	50	35	25	21	22	23	35
4	28	31	37	39	36	34	34	34	34	33	36	38	41	40	38	38	36	36	35	32	30	28	28	26	34
5	25	23	22	22	18	16	8	6	8	6	15	16	27	30	29	30	28	25	21	0	0	0	3	6	16
6	2	3	5	2	4	4	4	3	7	4	2	6	14	22	19	14	20	26	20	19	21	20	22	25	12
7	26	14	13	18	15	24	15	5	17	35	39	33	41	44	47	48	48	46	38	12	2	1	3	19	25
8	24	26	32	34	28	29	22	17	20	30	32	36	39	40	41	44	31	22	17	17	36	30	30	26	29
9	31	24	23	22	21	18	15	12	15	22	25	29	37	39	43	44	48	44	35	37	39	39	36	33	30
10	27	26	17	11	15	16	12	10	11	12	10	20	19	22	25	27	32	32	32	27	34	40	39	36	23
11	36	33	33	33	32	30	31	30	30	32	31	33	34	32	32	34	35	35	33	33	32	31	31	31	32
12	30	30	31	32	32	34	36	36	34	35	37	38	39	40	41	41	41	40	39	37	34	27	19	17	34
13	2	1	14	18	15	8	10	14	26	27	29	31	28	27	25	18	21	9	20	40	26	35	38	35	22
14	37	37	37	35	38	38	49	44	35	18	32	37	39	42	44	41	40	39	39	39	39	39	39	37	38
15	37	37	36	36	36	36	36	37	36	36	37	37	37	38	38	38	37	37	37	37	37	34	29	19	36
16	16	17	17	17	15	17	14	12	15	23	32	34	34	35	****	36	38	52	48	37	29	16	11	20	25
17	17	13	5	2	2	2	2	4	15	34	43	44	30	36	43	48	38	36	27	25	27	19	5	8	22
18	7	8	16	20	26	21	25	29	35	43	58	56	59	52	55	47	61	70	46	36	44	36	37	30	38
19	37	38	38	37	35	35	34	34	35	37	40	42	45	46	42	40	35	34	23	4	3	16	18	32	33
20	32	34	32	35	37	38	36	36	37	42	45	46	46	48	48	50	51	48	50	45	48	44	36	34	42
21	31	27	27	25	28	29	18	18	36	37	40	37	40	43	45	43	39	33	23	7	2	2	2	0	26
22	0	2	0	0	0	4	4	12	16	17	25	30	43	46	56	62	57	52	50	15	4	7	23	34	23
23	40	44	52	51	48	44	33	28	30	40	47	54	68	78	86	85	81	80	78	70	66	63	59	54	57
24	47	41	39	37	37	36	40	40	40	41	42	41	47	46	46	51	50	47	44	46	43	41	41	38	43
25	35	29	22	19	13	13	15	18	19	20	22	25	31	30	28	28	27	27	26	24	16	16	16	17	22
26	21	22	22	21	23	24	24	24	25	28	30	30	33	34	33	34	34	34	34	34	34	34	36	36	29
27	37	38	36	34	34	32	33	39	39	41	43	45	45	46	47	48	47	46	44	41	40	40	36	31	40
28	23	19	12	10	3	5	9	16	38	36	37	39	44	42	****	42	43	40	40	40	39	35	27	18	29
29	12	16	15	8	12	3	2	6	9	7	16	11	22	28	35	35	41	41	35	30	25	8	13	20	19
30	19	25	26	27	26	25	19	20	18	15	14	12	16	15	15	15	22	17	17	22	10	0	0	6	17
31	15	13	15	16	11	6	11	16	19	15	23	21	30	40	37	37	34	27	24	26	28	31	35	35	24
MEAN	25	25	25	25	24	23	22	23	26	28	32	34	37	39	41	41	41	39	35	30	29	27	26	26	30.1

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45125 NATURAL RESOURCES BLDG. ORONO MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	39	39	38	38	38	37	38	37	37	36	35	35	35	34	34	32	32	34	31	28	31	32	32	32	35
2	28	25	24	24	23	22	20	20	23	30	32	34	35	32	29	27	26	24	20	25	23	18	13	15	25
3	26	30	29	31	32	35	34	34	35	38	39	41	42	42	43	44	44	43	41	32	35	31	30	30	36
4	28	27	28	28	27	29	27	25	26	31	36	36	36	35	37	35	35	34	34	35	36	36	34	31	32
5	25	14	7	21	27	28	30	32	32	34	36	37	37	38	41	38	37	32	29	28	27	30	29	30	30
6	35	35	37	43	32	30	32	31	29	28	27	28	31	31	30	29	29	28	28	29	30	30	30	30	31
7	31	30	31	32	35	33	32	32	33	34	36	39	41	42	42	42	43	41	39	38	36	36	34	31	36
8	25	25	24	28	26	25	28	31	34	34	36	34	36	37	38	36	35	35	36	39	38	36	34	38	33
9	40	41	36	33	36	37	37	36	35	34	36	38	38	38	36	36	34	30	32	30	27	23	21	17	33
10	26	30	32	32	34	31	31	32	33	35	39	41	43	44	45	45	44	42	40	40	39	41	35	35	37
11	36	32	31	30	32	30	32	36	37	39	40	40	43	43	43	****	****	34	29	20	4	7	28	27	32
12	25	28	39	38	38	37	41	40	41	42	37	39	39	37	37	37	38	37	33	34	36	38	40	37	37
13	36	36	37	37	36	36	36	36	36	36	36	35	36	36	36	38	37	35	32	31	27	25	23	24	34
14	28	30	32	32	31	30	28	26	24	19	20	34	42	43	42	51	47	48	43	47	42	41	38	27	35
15	13	15	24	26	35	35	34	35	36	34	36	37	39	40	41	43	42	41	39	36	35	29	25	30	33
16	29	28	26	25	23	21	19	19	19	23	26	27	29	31	31	34	28	30	22	24	22	16	20	22	25
17	25	25	26	24	25	25	25	26	28	35	38	40	43	45	47	48	45	45	44	42	40	37	34	31	35
18	31	31	31	32	31	32	34	36	38	40	43	42	44	45	47	49	49	48	45	43	41	38	35	32	39
19	31	31	30	29	29	28	28	34	38	40	44	45	47	49	50	48	50	52	47	42	39	37	39	31	39
20	29	25	27	21	19	23	21	13	23	30	38	40	45	41	46	46	49	45	34	11	2	4	15	31	28
21	34	24	7	3	1	3	8	15	21	28	44	48	53	56	56	58	62	58	53	44	31	24	14	14	32
22	13	12	17	7	14	26	29	28	31	37	39	44	45	47	50	52	52	54	50	40	30	19	22	30	33
23	29	28	28	24	18	12	6	20	30	33	20	29	44	45	50	39	49	50	39	26	23	36	20	17	30
24	10	4	9	16	31	29	22	29	35	43	48	50	55	59	65	71	78	77	60	56	35	38	35	49	42
25	64	53	37	22	33	27	34	41	34	40	44	51	58	66	76	89	89	88	72	64	61	52	31	4	51
26	35	52	47	38	35	36	37	38	39	43	39	45	45	39	43	38	32	25	37	42	42	45	42	39	40
27	40	38	35	31	27	23	23	22	22	21	23	22	22	22	22	22	23	23	22	21	20	20	20	18	24
28	20	19	18	18	18	20	23	23	23	24	29	32	38	38	37	35	30	28	27	23	16	18	21	20	25
29	11	8	19	26	29	31	31	33	35	37	37	38	38	35	39	39	41	44	42	29	15	0	0	13	28
30	14	15	18	21	15	9	25	25	35	32	41	44	44	41	37	45	42	40	37	25	30	25	20	4	29
MEAN	29	28	27	27	28	27	28	30	31	34	36	38	41	41	42	43	43	42	38	34	30	29	27	26	33.2

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45125 NATURAL RESOURCES BLDG. ORONO MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	5	6	25	25	27	25	28	31	32	31	32	32	34	34	36	36	36	38	35	29	22	26	28	28
2	28	28	23	22	18	10	17	27	33	38	35	38	42	43	43	43	41	39	36	31	35	38	32	24	32
3	38	40	39	40	39	36	37	35	36	31	28	28	29	31	36	30	22	20	16	14	37	38	38	39	32
4	36	32	31	29	28	26	22	27	27	28	26	29	31	34	30	31	32	31	29	28	30	27	27	27	29
5	28	30	30	28	21	16	24	32	33	35	37	39	40	38	40	43	46	39	39	33	30	28	26	31	33
6	30	25	18	12	19	31	30	27	24	29	37	39	40	37	38	37	40	39	35	33	32	32	37	40	32
7	37	38	39	40	38	35	37	37	43	52	55	60	63	67	67	69	74	81	77	69	60	47	44	43	53
8	45	44	42	41	37	28	31	34	39	49	55	62	74	84	90	96	99	99	98	73	30	15	14	23	54
9	40	44	53	56	49	26	25	50	43	56	64	77	86	93	98	95	86	74	65	53	41	27	23	27	56
10	25	20	13	16	13	7	11	27	30	49	73	77	77	74	71	72	64	61	60	59	53	33	14	13	42
11	9	5	5	6	28	46	33	31	36	43	56	69	72	80	90	96	86	87	89	75	74	78	75	50	55
12	35	19	18	17	26	10	13	22	32	43	41	44	64	59	71	45	40	37	30	32	37	37	37	36	35
13	29	30	32	34	27	24	23	24	25	25	28	30	33	37	42	47	43	40	39	29	22	16	2	2	28
14	0	2	5	2	0	0	7	24	31	36	32	42	47	49	48	50	55	59	49	35	18	10	0	D	25
15	8	6	8	10	15	18	16	6	2	2	4	9	26	39	43	44	36	38	35	16	14	30	36	33	21
16	35	33	34	36	34	32	29	30	33	37	36	38	38	38	40	41	41	39	36	29	21	20	26	27	33
17	26	26	21	24	14	5	11	24	26	26	23	32	33	****	39	41	42	43	42	23	4	0	0	2	23
18	6	7	13	20	16	21	22	23	33	36	42	49	53	54	60	61	60	69	55	48	48	53	64	47	40
19	35	28	25	24	19	17	17	18	20	24	35	45	51	48	45	35	33	31	28	26	26	24	22	17	29
20	18	18	16	18	18	21	22	24	31	37	44	52	57	59	65	68	69	70	66	49	33	24	25	21	39
21	13	9	9	21	32	40	35	36	43	43	41	44	38	47	40	41	40	32	27	24	22	23	27	25	31
22	23	22	21	21	18	17	18	26	30	37	39	36	39	41	44	44	45	47	40	27	11	11	26	24	29
23	32	25	27	33	34	36	35	33	35	35	38	38	43	43	40	46	55	55	47	37	34	22	14	18	36
24	35	34	32	35	38	38	38	37	30	28	30	34	36	36	37	37	36	35	34	29	29	19	34	36	34
25	36	35	35	34	34	34	33	28	26	28	26	29	31	28	28	28	28	27	29	28	27	26	26	26	30
26	24	23	18	15	10	11	10	1D	13	15	17	21	24	27	32	39	29	28	20	22	21	18	13	14	20
27	23	24	24	19	12	8	12	17	20	20	31	37	39	38	42	45	49	48	43	32	17	10	12	9	26
28	16	15	12	13	19	12	8	11	10	21	34	38	40	35	45	42	42	36	35	23	13	17	8	0	23
29	0	4	0	0	0	0	2	9	21	11	22	37	44	39	38	42	48	33	12	6	3	3	4	5	16
30	3	3	4	4	3	5	9	30	42	22	37	46	52	55	53	57	64	58	48	36	33	46	30	33	32
31	31	24	22	16	15	13	18	28	43	54	66	74	75	76	82	81	76	74	61	39	9	7	23	32	43
MEAN	24	23	22	23	23	21	22	26	30	33	38	43	47	49	51	51	50	49	.44	35	29	26	25	24	33.5

PERCENTAGE DF DATA VALIO - 99.9 PERCENTAGE OF OATA INVALID - 0.1 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NDTES 1. "*****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45125 NATURAL RESOURCES BLOG. ORONO MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	34	46	47	48	44	39	47	49	54	59	58	60	60	57	58	60	65	68	58	46	16	5	4	3	45
2	0	0	2	8	14	24	45	45	39	34	37	40	42	45	47	59	72	70	61	57	50	42	32	10	36
3	8	8	10	6	1	1	10	18	25	37	44	58	68	70	69	69	79	80	79	76	56	25	45	33	41
4	5	14	10	9	10	7	29	46	37	49	49	69	86	97	99	109	108	112	104	92	82	68	46	35	57
5	35	21	19	18	16	14	19	25	39	34	32	43	45	44	41	41	41	39	37	30	24	21	19	22	30
6	24	22	19	17	16	17	19	20	23	26	28	29	28	31	32	36	39	37	32	25	22	21	15	18	25
7	23	32	31	31	27	22	21	22	30	53	68	84	94	102	103	109	122	104	94	85	64	75	71	64	64
8	49	39	23	26	33	31	30	36	29	24	28	34	36	48	54	70	70	67	62	61	38	28	18	24	40
9	14	3	2	0	0	0	4	19	22	36	54	62	62	58	64	69	73	72	62	5D	47	60	56	55	39
10	49	42	24	19	16	19	28	30	32	33	38	45	54	65	75	77	79	77	70	61	56	47	39	35	46
11	32	27	25	25	18	21	18	18	24	25	21	21	23	22	23	23	23	24	24	21	9	6	6	7	20
12	8	8	8	9	11	10	9	12	22	24	26	25	25	25	29	30	31	31	32	28	23	17	18	21	20
13	15	15	15	16	18	18	24	26	28	29	31	34	****	39	40	40	41	42	42	39	28	15	15	24	28
14	15	13	14	15	11	6	7	14	16	23	42	53	50	60	70	70	62	67	75	65	45	19	23	31	36
15	35	35	22	16	23	16	21	37	47	56	71	87	104	1D6	108	116	115	106	108	108	101	75	58	36	67
16	14	14	13	26	29	26	34	38	47	59	61	91	101	116	127	129	130	133	128	111	100	93	68	45	72
17	23	15	15	11	11	11	35	63	75	85	88	98	110	114	126	127	121	111	1D5	116	97	86	79	76	75
18	65	44	34	32	32	34	34	36	40	42	46	47	47	41	45	51	53	56	56	50	24	14	19	22	40
19	25	27	29	32	32	31	32	34	38	43	44	44	49	52	57	59	59	59	56	46	23	15	12	13	38
20	16	23	23	22	26	34	43	42	45	50	59	63	70	68	77	86	77	77	81	82	77	73	65	60	56
21	60	52	60	58	56	56	55	55	57	62	60	58	48	46	48	59	64	59	54	46	41	36	33	36	52
22	35	29	35	22	22	18	18	19	21	26	30	43	52	62	28	22	23	21	22	21	21	22	22	22	27
23	22	20	18	17	17	16	15	14	14	13	14	15	16	17	18	19	19	19	18	17	16	15	13	12	16
24	14	16	20	20	19	18	18	18	20	23	27	29	31	32	34	38	39	39	36	33	23	14	9	16	24
25	18	19	20	19	17	17	22	25	29	32	33	35	37	36	36	35	37	37	35	30	14	6	6	13	25
26	16	7	5	9	9	7	16	28	36	43	43	46	47	50	51	61	64	66	65	62	49	29	21	25	36
27	24	22	19	15	25	36	40	42	41	38	35	50	60	60	65	63	69	79	57	43	40	49	46	24	43
28	3	5	13	15	14	9	6	4	10	14	15	27	37	57	71	76	77	70	76	58	35	17	8	1D	30
29	1D	12	15	11	6	14	17	23	36	50	49	59	55	****	58	63	61	57	56	51	44	41	47	49	38
30	46	44	42	40	37	34	34	35	38	44	52	58	60	6D	69	76	74	70	64	52	54	61	61	56	53
MEAN	25	22	21	20	20	20	25	30	34	39	43	5D	55	58	61	65	66	65	62	55	44	37	32	3D	4D.7

PERCENTAGE DF DATA VALID - 99.7 PERCENTAGE OF OATA INVALID - D.3 PERCENTAGE DF DATA UNAVAILABLE - D D

NDTES 1. "****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45125 NATURAL RESOURCES BLDG. ORONO MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	56	57	57	56	54	47	43	41	37	41	57	58	63	64	63	69	70	66	68	62	47	34	22	33	53
2	34	29	22	18	13	11	12	20	31	36	32	****	****	****	****	****	****	****	****	****	****	****	****	****	******
3												- DATA INVALID -													
4	****	****	****	****	****	****	****	****	****	****	****	****	-	****	28	27	27	28	29	28	26	26	23	20	******
5	16	18	17	14	12	12	13	12	13	14	13	13	17	20	22	24	24	25	27	26	23	22	21	19	18
6	16	15	13	12	10	11	11	14	19	22	22	24	27	27	30	30	32	33	32	29	25	20	19	17	21
7	20	19	19	19	17	17	16	20	23	25	25	28	39	43	47	70	62	63	58	44	24	3	3	3	29
8	3	3	5	4	5	7	7	20	31	28	35	45	53	61	61	66	68	67	69	53	21	3	0	6	30
9	12	19	28	28	27	22	7	31	47	46	55	63	80	85	83	82	84	83	74	62	46	26	55	62	50
10	50	44	44	26	19	8	8	29	46	40	31	32	34	32	34	36	39	40	32	24	30	27	13	26	31
11	30	24	30	20	10	2	4	13	26	33	44	60	60	66	81	81	78	64	72	91	84	46	34	30	45
12	25	19	18	8	10	15	12	21	28	44	57	64	87	109	160	165	171	152	136	101	57	60	57	35	67
13	29	32	35	36	32	32	23	12	27	41	45	61	72	80	89	92	77	81	80	59	22	5	8	8	45
14	5	8	8	11	21	31	37	60	55	62	70	83	82	90	96	93	94	85	104	107	75	40	26	22	57
15	33	22	13	14	14	7	33	47	56	84	94	99	109	106	102	102	118	116	108	89	64	36	45	41	65
16	39	26	22	29	31	35	29	25	40	36	47	64	73	84	80	57	55	52	50	47	39	29	22	23	43
17	17	18	19	21	22	21	21	21	21	23	25	27	30	36	38	43	43	32	34	34	22	9	8	13	25
18	14	16	17	18	16	14	13	19	24	30	30	41	45	51	47	45	49	62	55	42	28	26	26	25	31
19	22	22	17	17	15	6	1	11	19	27	37	45	52	63	87	86	96	99	85	64	45	22	15	11	40
20	9	11	16	11	17	16	15	28	40	44	48	69	84	96	90	84	83	76	63	43	16	11	23	42	43
21	47	39	15	23	21	22	23	37	50	54	71	84	95	104	114	126	127	122	114	96	55	38	27	39	64
22	57	51	35	37	44	40	39	55	64	76	85	92	117	114	112	117	118	114	109	94	51	23	23	21	70
23	31	35	46	47	56	44	38	60	69	86	102	103	104	103	107	114	117	118	136	124	109	70	58	39	80
24	20	15	7	7	4	2	6	23	34	40	51	64	83	90	100	106	107	107	101	76	56	64	58	48	53
25	43	38	35	26	19	16	14	15	17	24	25	37	42	55	68	68	67	60	58	56	30	26	31	26	37
26	21	17	14	9	8	12	8	9	15	16	13	13	14	14	13	15	18	20	20	20	19	16	14	15	15
27	12	13	14	15	15	12	11	10	13	18	****	34	37	41	44	48	60	63	65	55	27	6	5	4	27
28	0	0	3	11	11	4	6	11	19	30	41	46	36	52	57	56	39	49	44	24	18	11	24	23	26
29	23	22	13	6	6	4	8	17	20	25	30	35	41	45	46	50	55	54	44	37	20	9	10	10	26
30	10	9	9	14	15	11	10	10	23	31	40	48	48	62	60	63	70	70	70	69	62	58	49	40	40
31	39	26	19	21	37	27	25	28	32	32	38	51	63	62	71	80	74	55	52	44	40	14	35	34	42
MEAN	25	23	21	20	20	18	17	25	32	38	45	53	60	66	70	72	73	71	69	59	41	27	26	25	41.4

PERCENTAGE OF DATA VALID - 93.0 PERCENTAGE OF DATA INVALID - 6.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45125 NATURAL RESOURCES BLDG. ORONO MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	32	34	32	29	29	29	30	31	34	35	36	36	37	41	46	48	48	41	36	33	32	36	38	36
2	41	34	30	27	25	32	37	35	34	34	39	44	48	50	49	46	45	49	44	31	8	5	15	16	34
3	4	2	1	1	1	0	1	5	18	41	50	61	67	70	71	78	98	98	89	68	35	18	8	5	37
4	6	3	3	8	3	3	4	17	31	43	59	64	91	94	96	101	95	95	88	53	26	27	19	18	44
5	14	16	22	21	29	30	24	34	45	54	59	61	70	66	69	74	73	71	70	65	55	53	53	53	49
6	53	49	43	32	23	20	20	19	19	22	25	28	28	32	36	37	40	37	29	20	9	7	8	14	27
7	18	20	17	9	7	6	6	10	14	19	16	17	13	22	28	41	51	65	72	63	49	42	37	34	28
8	27	19	14	6	1	0	2	3	7	26	32	37	42	44	49	44	39	40	38	32	29	25	17	17	25
9	16	17	20	22	20	18	15	19	20	22	25	27	29	31	36	33	29	24	22	24	24	24	24	24	24
10	19	18	25	29	27	24	19	14	12	15	23	29	47	47	47	47	45	45	44	37	29	26	17	11	29
11	6	14	16	15	13	12	11	11	15	17	20	23	24	25	26	26	28	27	17	11	4	5	8	15	16
12	16	16	16	15	15	15	15	15	16	17	19	24	30	31	34	36	38	36	32	19	2	2	1	1	19
13	1	6	8	12	11	5	4	12	18	21	26	32	35	****	55	53	56	54	53	53	53	49	43	36	30
14	32	28	24	26	20	18	11	12	17	21	21	18	17	17	17	18	21	20	19	18	17	16	13	11	19
15	11	11	10	10	10	10	12	13	14	15	15	15	15	17	17	17	19	18	19	18	14	15	11	12	14
16	12	14	13	12	11	8	7	11	18	22	23	24	****	28	32	37	47	55	69	50	17	8	7	2	23
17	3	8	7	9	9	4	0	15	26	25	36	34	34	36	46	41	34	19	11	13	15	23	24	17	20
18	13	10	14	16	12	13	17	21	18	22	24	23	21	19	20	19	17	16	16	14	9	6	4	4	15
19	0	2	14	21	24	26	27	29	30	32	33	34	37	38	40	41	43	43	39	27	28	29	28	24	29
20	26	25	23	23	22	16	10	11	18	26	29	27	41	45	41	41	39	38	30	14	10	8	8	4	24
21	4	5	3	3	6	9	6	16	25	32	31	51	55	48	41	43	38	43	40	26	15	9	9	14	24
22	18	19	21	22	18	15	16	21	24	26	33	37	44	47	48	49	48	44	42	32	29	29	29	28	31
23	31	29	29	28	27	26	26	23	19	25	26	25	26	28	31	34	36	35	28	28	29	31	29	26	28
24	22	21	21	18	16	15	15	16	17	19	21	27	33	27	38	49	56	52	44	38	25	22	15	7	26
25	11	15	21	27	21	21	17	20	25	30	34	40	48	53	56	55	55	54	52	41	33	29	29	26	34
26	19	24	18	11	6	8	10	16	24	26	29	31	36	38	39	39	40	38	29	22	15	15	16	15	24
27	23	20	21	21	39	34	26	18	21	25	39	47	48	51	51	51	47	52	46	26	5	6	4	6	30
28	8	10	10	17	21	13	10	14	19	18	31	37	40	44	42	44	47	46	39	33	32	43	43	37	29
29	40	37	31	32	37	33	36	34	30	29	27	21	29	28	30	37	42	48	41	27	17	21	13	2	30
30	0	4	3	0	0	3	10	6	9	22	39	52	63	64	67	52	40	39	39	35	32	31	30	27	28
31	24	22	16	14	12	8	9	13	16	20	25	30	34	37	40	44	50	48	38	16	12	4	4	1	22
MEAN	18	18	18	17	17	15	15	17	21	26	30	34	39	40	43	44	45	45	41	32	23	21	19	18	27.4

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 4S125 NATURAL RESOURCES BLDG, ORONO MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	0	5	11	21	39	56	71	77	99	105	88	80	79	74	69	63	56	56	44
2	45	45	46	42	31	31	29	37	45	42	35	43	43	41	45	41	36	34	23	29	36	31	24	13	36
3	19	17	16	10	9	8	13	23	26	29	29	31	32	34	35	34	30	26	23	20	17	19	17	15	22
4	15	15	13	13	11	11	10	12	16	17	18	22	27	31	35	36	38	35	31	15	5	2	2	3	18
5	2	3	5	4	6	7	6	18	17	25	34	41	47	55	61	64	64	63	74	90	91	59	50	39	39
6	29	21	20	20	16	14	13	12	14	14	16	24	46	72	80	75	66	65	64	63	60	52	44	41	39
7	32	23	20	18	15	13	16	15	21	22	22	22	22	22	19	19	17	15	12	9	9	14	12	13	18
8	15	15	13	14	14	14	13	14	19	23	23	24	23	25	25	26	24	19	19	12	11	12	8	9	17
9	8	9	10	10	10	10	9	11	18	21	26	28	33	38	44	46	46	44	36	23	6	0	0	5	20
10	14	22	17	9	7	9	14	21	29	28	29	31	25	30	26	21	25	24	20	14	16	9	10	7	19
11	6	4	3	6	6	6	9	14	16	16	18	21	23	****	46	42	39	34	26	8	0	1	1	1	15
12	10	19	18	20	14	11	10	13	17	22	25	29	30	34	36	38	40	40	28	31	37	38	34	29	26
13	27	26	23	19	16	16	20	24	37	50	62	73	80	82	85	83	77	65	53	53	51	47	41	41	48
14	41	39	39	41	42	43	44	35	28	26	35	40	19	17	23	24	25	23	20	18	16	15	12	9	28
15	8	9	3	2	0	0	0	7	14	19	24	28	29	30	31	31	31	26	20	16	8	5	0	0	14
16	0	0	5	5	11	14	13	18	21	21	22	26	33	40	43	45	53	42	37	27	28	18	4	0	22
17	0	0	0	0	2	3	2	6	14	22	32	37	55	65	73	72	71	66	60	50	47	47	36	21	33
18	30	36	27	20	16	16	10	14	20	35	48	61	69	72	71	69	54	36	29	40	31	22	17	14	36
19	12	13	15	17	18	17	16	18	21	22	23	25	27	28	30	30	30	29	25	14	16	19	15	10	20
20	6	2	0	0	0	0	0	7	12	18	25	25	27	39	44	41	39	35	36	32	31	26	17	7	20
21	0	2	1	4	3	2	0	0	6	13	21	22	25	35	27	28	27	25	22	20	20	19	15	15	15
22	16	16	13	13	12	11	11	13	15	19	23	24	25	26	29	30	30	25	19	12	18	14	13	15	18
23	16	16	18	19	18	17	15	15	17	19	21	23	24	24	26	26	26	22	11	3	0	0	0	0	16
24	0	5	10	14	13	11	14	16	19	22	25	32	36	39	42	45	46	42	28	23	31	23	20	12	24
25	5	3	4	0	0	0	0	0	4	6	14	18	23	28	43	40	58	58	55	31	5	0	0	9	17
26	12	9	2	0	4	13	14	11	24	28	30	33	37	39	38	38	38	36	24	9	11	3	0	2	19
27	6	9	6	3	3	1	1	3	12	16	23	25	46	52	51	48	49	53	24	2	8	18	16	22	21
28	33	22	5	4	6	2	0	0	4	5	12	16	24	24	29	26	29	27	26	21	15	10	10	5	15
29	4	3	16	11	21	27	22	22	29	35	32	41	49	50	51	51	50	42	23	28	33	34	24	22	30
30	18	24	32	25	22	21	17	13	16	16	29	45	49	60	51	54	43	44	30	23	5	0	0	0	27
MEAN	14	14	13	12	12	12	11	14	19	22	27	32	37	42	45	44	43	39	33	27	24	21	17	15	24.5

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 4S125 NATURAL RESOURCES BLDG, ORONO MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	8	21	22	13	14	9	9	15	17	23	21	22	27	29	31	31	27	11	0	1	1	1	3	15
2	11	15	15	21	22	19	12	17	20	15	21	26	29	24	23	27	30	29	31	28	21	18	25	26	22
3	27	27	24	22	17	16	13	17	19	26	27	22	19	21	16	9	8	6	2	0	10	23	14	8	16
4	7	10	21	21	13	8	4	1	0	0	6	18	25	25	22	24	27	24	25	22	21	15	8	11	15
5	10	15	13	19	18	13	9	5	1	3	7	9	9	10	10	6	5	6	5	6	15	20	18	18	10
6	21	17	17	17	17	17	11	7	6	8	12	13	20	22	24	22	28	21	21	21	21	21	27	27	18
7	19	14	12	17	13	13	15	17	16	15	15	17	16	16	15	15	15	17	17	18	18	17	18	20	16
8	18	18	20	21	21	17	13	13	19	22	23	24	26	26	24	21	14	12	4	4	8	6	7	15	17
9	19	21	20	18	19	19	18	18	19	20	21	21	24	24	24	25	25	21	14	9	11	15	5	0	18
10	0	4	6	4	5	3	9	14	19	20	22	23	26	28	29	28	25	23	22	21	20	24	24	22	18
11	18	18	15	11	5	3	0	0	13	15	17	16	24	27	29	29	27	25	20	22	27	18	14	14	17
12	15	23	29	27	21	18	17	14	9	6	7	7	10	18	19	17	13	8	4	0	0	0	16	12	13
13	13	12	10	10	10	8	7	7	7	7	9	12	15	19	23	23	23	20	19	19	21	18	14	9	14
14	3	0	3	6	5	4	10	14	14	17	21	26	28	29	29	29	26	21	23	15	12	13	11	4	15
15	0	0	0	0	0	2	2	7	9	6	3	4	5	9	13	14	12	19	19	22	20	16	16	13	9
16	10	12	16	16	16	16	17	17	18	21	****	25	27	29	30	30	28	19	6	8	9	10	14	17	18
17	21	18	15	21	19	16	10	6	9	8	****	2	2	2	2	2	0	0	0	0	0	0	0	0	7
18	0	1	8	8	9	11	10	9	12	14	16	18	19	18	21	20	19	11	4	0	0	0	0	8	10
19	18	17	15	15	12	12	12	14	15	18	21	27	30	36	37	36	34	45	39	32	27	31	26	35	25
20	32	27	23	22	23	20	20	23	24	24	27	36	43	43	42	37	25	15	16	28	18	24	23	18	26
21	21	18	21	23	21	17	19	21	24	28	32	40	42	42	45	46	45	42	39	21	8	2	2	4	26
22	9	13	12	12	7	4	4	5	10	17	23	26	34	45	50	55	44	13	28	44	38	29	25	27	24
23	26	29	32	30	27	21	20	21	19	24	20	6	6	8	8	9	8	8	8	7	6	6	9	11	15
24	11	9	9	10	10	10	9	5	6	6	6	7	8	6	7	14	17	19	21	20	23	25	25	25	13
25	25	26	24	22	19	16	21	20	20	24	28	28	28	26	26	26	26	23	26	28	28	28	25	21	24
26	18	22	20	16	16	17	17	16	25	28	27	27	27	27	26	25	24	22	21	19	17	18	22	21	22
27	21	20	20	18	16	14	11	19	25	27	28	27	27	30	30	27	26	25	24	22	23	24	25	23	23
28	19	19	20	19	19	19	18	13	10	10	5	2	8	8	10	12	10	9	4	3	9	15	15	16	12
29	19	19	19	17	16	16	14	12	15	16	18	18	****	21	21	21	18	19	17	17	16	17	20	17	18
30	18	19	21	20	19	21	21	21	20	22	24	25	24	27	27	27	24	13	12	18	19	19	19	16	21
31	16	16	15	15	12	10	10	9	13	16	19	23	28	30	33	34	30	29	29	30	30	27	26	26	22
MEAN	15	16	17	17	15	13	12	13	15	16	18	19	22	23	24	24	22	19	17	16	16	16	16	16	17.4

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45125 NATURAL RESOURCES BLDG. ORONO MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	25	25	24	22	21	20	21	25	29	30	34	40	37	38	39	38	37	30	22	11	27	21	12	27
2	10	11	13	12	9	6	2	2	2	4	9	17	20	21	15	13	11	5	2	1	1	1	0	12	8
3	17	12	9	6	2	3	3	3	11	16	22	22	21	25	23	25	26	24	20	23	20	13	10	7	15
4	7	5	4	4	13	14	16	17	19	19	21	23	24	25	25	22	21	19	16	12	7	3	1	0	14
5	0	0	0	0	0	0	0	0	3	7	19	21	23	24	25	24	10	6	8	10	9	8	8	8	9
6	10	9	6	5	6	3	1	1	3	4	7	6	6	6	5	3	0	0	2	3	4	3	1	2	4
7	0	1	3	8	12	14	12	11	16	20	22	23	22	24	26	25	25	25	21	18	18	15	11	12	16
8	8	7	7	5	6	8	11	14	13	11	9	10	13	13	11	7	4	4	9	18	19	17	9	6	10
9	0	0	0	0	0	0	0	0	3	16	19	17	15	14	13	11	10	10	10	8	7	7	9	9	7
10	8	6	4	4	5	6	7	11	14	19	22	22	24	25	24	22	18	17	16	13	13	12	10	8	14
11	5	3	7	15	18	18	18	18	18	20	22	22	21	18	15	5	7	15	20	17	18	16	13	10	15
12	5	8	10	13	16	18	18	18	17	19	20	22	24	24	23	23	19	16	9	4	6	11	8	13	15
13	18	20	20	20	20	19	15	11	9	9	9	11	13	17	21	21	20	19	16	10	13	12	17	13	16
14	17	15	13	11	10	11	15	13	17	16	20	23	26	27	27	27	26	21	19	15	18	17	16	19	18
15	17	14	10	10	11	8	2	0	0	4	9	9	12	9	9	5	3	0	0	0	0	8	16	19	7
16	26	25	25	24	24	24	21	17	21	24	25	26	26	24	15	9	6	2	14	19	12	0	0	0	17
17	0	0	0	2	5	7	7	8	8	6	5	7	14	16	16	14	11	6	6	5	12	17	19	19	9
18	12	8	10	9	10	15	15	14	16	22	25	22	24	26	27	24	20	17	14	11	8	11	12	13	16
19	12	13	13	15	15	15	13	12	11	11	10	9	11	13	12	11	6	3	3	5	7	7	6	3	10
20	6	5	6	4	2	0	0	0	0	1	0	2	6	14	16	18	23	21	22	23	23	23	24	24	11
21	23	23	23	23	18	13	6	5	7	19	22	21	23	23	24	25	24	23	23	22	21	17	16	14	19
22	10	7	6	1	0	0	0	0	0	0	5	7	15	25	23	21	19	22	22	18	11	15	13	18	11
23	18	15	12	12	15	16	13	13	13	14	16	19	20	****	19	14	9	10	11	7	6	7	18	24	14
24	25	22	19	16	14	17	17	13	14	21	25	25	21	21	19	16	16	14	9	0	0	0	0	0	14
25	0	0	0	0	0	3	4	7	9	10	14	14	11	14	15	14	14	14	16	16	16	13	12	11	9
26	9	10	11	12	14	15	15	16	16	19	25	23	23	20	22	24	24	20	20	22	24	23	21	20	19
27	21	20	18	17	18	20	18	16	15	13	11	9	16	19	16	16	16	15	16	14	12	4	1	1	14
28	7	10	11	11	11	10	10	7	13	21	23	24	24	24	24	24	22	19	13	13	15	11	12	14	16
29	16	17	16	12	10	10	12	11	10	11	14	16	17	18	19	19	17	14	11	9	11	10	10	10	13
30	10	8	6	6	11	17	12	14	14	19	20	21	22	24	23	22	21	19	21	16	12	6	4	1	15
MEAN	11	11	10	10	11	11	10	10	11	14	17	18	19	20	20	18	16	15	14	12	12	11	11	11	13.4

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45125 NATURAL RESOURCES BLDG. ORONO MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	2	3	3	6	8	6	3	10	10	11	13	15	15	15	13	13	13	13	14	14	15	16	10
2	18	18	21	20	20	20	20	20	21	21	23	25	26	26	27	28	28	22	16	14	12	8	3	0	19
3	0	11	12	9	3	D	1	4	7	7	12	14	16	23	24	25	24	19	16	17	19	8	10	12	12
4	9	7	5	5	3	4	1	1	3	4	3	5	21	24	26	25	24	22	18	15	9	9	2	8	11
5	0	0	6	5	5	4	6	10	9	10	9	16	21	21	21	24	29	26	26	29	30	31	23	29	16
6	25	20	23	25	20	12	7	0	0	1	5	4	3	2	1	3	1	0	4	5	3	0	0	1	7
7	1	0	0	0	0	0	0	0	0	0	6	8	17	17	16	13	10	7	7	4	14	14	12	8	6
8	0	0	13	18	21	22	23	24	24	24	24	24	25	25	26	26	25	22	19	16	17	19	21	21	20
9	21	19	18	17	14	14	16	17	17	19	19	17	16	15	16	15	10	4	5	7	7	12	21	24	15
10	23	23	22	20	17	15	15	18	18	18	19	19	19	19	19	19	18	17	16	15	13	11	5	2	17
11	0	0	4	5	11	10	8	6	6	11	17	20	21	22	23	24	25	23	21	18	22	25	23	21	15
12	21	23	21	19	16	14	18	16	16	16	16	17	19	21	21	20	20	20	21	21	21	21	20	20	19
13	21	21	22	25	25	25	25	25	24	24	24	****	22	22	21	20	19	16	19	19	20	20	18	15	21
14	11	11	17	18	18	16	13	13	10	7	12	18	20	****	21	21	20	19	18	17	16	15	17	16	16
15	17	17	17	13	2	3	0	0	7	12	13	12	13	17	22	23	25	20	11	5	2	6	6	3	11
16	5	4	3	1	0	0	0	0	0	1	2	2	1	1	0	0	12	21	20	20	21	22	22	22	8
17	22	24	24	24	24	24	24	24	24	24	23	22	23	12	20	23	25	24	21	19	20	21	20	19	22
18	19	19	18	16	15	19	22	24	23	24	22	23	24	25	26	22	16	22	22	21	23	23	23	22	21
19	22	21	21	19	19	20	20	21	20	19	19	20	20	21	20	20	20	20	20	19	19	18	18	17	20
20	15	15	14	12	11	10	10	10	10	9	10	12	12	12	12	12	8	6	6	6	5	5	6	6	10
21	4	3	6	9	11	10	3	3	3	11	11	12	17	18	19	17	11	12	5	4	5	7	6	4	9
22	7	8	9	9	9	10	12	9	9	9	9	9	9	6	5	4	2	1	2	3	3	3	2	0	6
23	0	0	0	0	0	0	2	3	4	4	2	2	1	0	1	0	0	2	3	2	0	0	0	0	1
24	0	0	0	0	1	2	3	3	5	7	8	6	6	6	5	5	4	4	4	4	3	3	0	0	3
25	0	0	0	0	2	4	5	6	7	8	12	12	12	14	15	15	14	14	15	16	17	17	17	18	10
26	18	18	19	19	19	19	19	19	18	18	18	18	18	18	18	19	20	20	19	19	19	18	17	17	19
27	17	17	18	18	18	19	19	19	20	20	20	20	20	22	22	24	25	25	24	24	23	23	23	23	21
28	22	21	21	18	19	20	20	20	22	21	22	22	23	23	23	23	24	22	19	19	18	17	12	9	20
29	13	15	13	12	13	12	14	15	19	19	20	21	23	23	25	25	24	18	16	20	21	21	21	21	19
30	20	19	19	19	19	19	19	19	19	19	20	21	22	22	22	24	24	20	12	12	14	15	14	14	19
31	17	18	18	15	8	4	3	2	0	6	17	18	17	11	9	4	2	0	0	0	0	0	0	0	7
MEAN	12	12	13	13	12	12	11	12	12	13	14	15	17	17	17	17	17	16	14	14	14	14	13	13	13.8

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45125 NATURAL RESOURCES BLDG. ORONO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	19.8	30	35
FEB	28	27.7	38	60
MAR	31	30.1	57	86
APR	30	33.2	51	89
MAY	31	33.5	56	99
JUN	30	40.7	75	133
JUL	28	41.4	80	171
AUG	31	27.4	49	101
SEP	30	24.5	48	105
OCT	31	17.4	26	55
NOV	30	13.4	27	40
DEC	31	13.8	22	31
YEAR	362	26.8	80	171

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 45125 NATURAL RESOURCES BLDG. ORONO

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	127	580	37	0	0	0	0	0	744
FEB	44	361	261	4	0	0	0	0	670
MAR	74	261	375	29	3	0	0	0	742
APR	21	249	414	31	3	0	0	0	718
MAY	72	265	306	81	19	0	0	0	743
JUN	56	248	197	162	21	25	9	0	718
JUL	64	261	152	126	45	34	6	4	692
AUG	110	360	205	57	9	1	0	0	742
SEP	162	348	142	59	7	1	0	0	719
OCT	190	514	36	1	0	0	0	0	741
NOV	262	450	7	0	0	0	0	0	719
DEC	257	484	1	0	0	0	0	0	742
YEAR	1439	4381	2133	550	107	61	15	4	8690

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
99.2	0	5.8	16.1	23.6	31.4	47.0	61.8	82.0	98.2	171	26.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	10	10	5	0	0	0	1	3	5	5	5	2	3	0	1	2	4	7	8	6	6	13	4
2	14	15	16	17	18	18	16	9	7	10	14	15	16	15	15	11	8	6	8	16	16	16	17	17	14
3	16	17	16	10	7	9	8	5	5	9	10	12	14	13	13	12	10	9	10	6	8	7	8	7	10
4	14	14	14	14	14	14	12	11	9	12	14	14	16	17	15	14	12	11	10	10	12	15	18	18	14
5	19	20	20	20	19	19	14	7	6	11	15	16	18	18	17	17	10	6	2	0	0	0	0	0	11
6	0	0	0	0	0	0	0	0	2	4	11	14	15	14	15	15	12	10	9	8	9	8	9	6	7
7	4	0	0	1	6	7	4	0	1	3	2	****	3	3	2	0	0	0	0	0	1	0	0	2	2
8	4	5	13	10	12	13	5	0	0	5	12	18	22	18	18	14	11	4	4	8	5	3	7	6	9
9	9	10	5	9	9	12	10	8	6	10	13	14	16	14	10	8	5	0	0	2	2	0	0	0	7
10	0	0	2	4	3	5	2	0	5	10	13	11	12	13	16	14	8	3	0	****	3	11	3	2	6
11	5	1	0	0	0	0	0	0	0	4	11	17	17	16	17	14	10	0	0	0	0	0	0	0	5
12	0	0	0	0	0	0	0	0	0	0	11	16	14	****	17	13	12	0	0	0	0	0	0	0	4
13	0	0	0	0	0	0	7	2	2	1	0	5	6	5	5	3	4	5	4	6	5	8	5	2	3
14	0	0	0	0	0	0	0	0	0	15	17	18	19	21	23	23	21	19	16	17	18	16	18	18	12
15	22	21	22	22	22	21	20	15	12	14	15	16	17	17	16	13	10	6	7	8	9	12	13	13	15
16	13	10	11	4	8	9	4	0	0	8	10	15	18	18	18	19	11	5	0	0	0	0	0	0	8
17	0	0	0	0	0	0	4	4	5	11	9	5	3	5	3	2	0	0	3	11	13	15	14	15	5
18	17	17	15	12	10	11	11	6	2	12	17	18	20	20	18	15	11	4	1	0	0	0	2	3	10
19	4	6	6	8	5	0	0	0	0	0	2	2	2	0	0	9	9	10	10	1	9	4	10	13	5
20	11	11	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
21	0	0	0	0	1	0	0	0	5	10	12	14	14	14	15	17	13	13	9	15	18	18	18	17	9
22	16	13	15	14	16	14	11	8	6	15	19	18	22	22	23	21	20	13	15	14	10	2	2	10	14
23	20	16	18	22	16	11	11	5	7	9	11	17	20	15	11	12	10	11	12	11	11	8	7	5	12
24	7	10	15	16	16	5	1	3	1	7	7	7	7	5	6	6	7	9	****	14	14	12	14	15	9
25	18	16	8	2	9	12	7	3	4	6	9	4	10	14	13	10	6	6	11	9	8	9	11	15	9
26	16	18	18	18	18	17	14	6	4	12	14	15	19	15	13	****	10	6	8	6	5	8	8	8	12
27	13	15	16	17	17	18	11	7	5	7	11	11	5	4	4	4	0	0	0	0	0	0	0	0	7
28	0	0	2	8	11	14	15	14	17	14	14	16	12	12	14	11	14	12	15	14	16	17	18	18	12
29	20	20	22	22	22	22	21	17	18	21	19	20	23	22	20	22	18	18	21	19	22	22	25	21	21
30	15	26	27	27	27	26	24	20	18	23	24	23	24	24	24	22	19	13	6	4	8	13	16	18	20
31	23	22	21	24	20	21	14	3	5	13	13	19	25	24	20	17	14	11	19	19	22	21	19	21	18
MEAN	10	10	10	10	10	10	8	5	5	9	11	13	14	13	13	12	10	7	7	8	8	8	9	9	9.5

PERCENTAGE OF DATA VALIO - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	21	23	25	24	22	16	9	12	18	13	22	25	25	24	22	20	22	****	23	24	24	25	25	21
2	27	27	28	28	29	29	24	19	17	19	23	24	26	26	26	20	17	12	6	7	2	0	0	0	18
3	0	0	0	3	8	6	1	1	7	9	13	19	24	28	26	27	22	19	4	1	0	0	0	0	9
4	0	0	0	0	2	5	3	0	9	17	26	31	32	35	33	33	31	29	26	25	25	24	21	21	18
5	23	22	22	21	22	21	19	13	15	17	18	21	25	25	24	22	21	14	8	13	17	16	15	14	19
6	15	13	13	17	14	12	10	1	0	1	5	7	21	19	20	12	7	4	0	0	0	0	0	0	8
7	0	0	0	0	0	0	0	0	6	17	17	12	8	11	15	16	15	****	6	0	0	0	0	0	5
8	1	3	20	22	22	20	17	9	11	18	20	21	25	26	26	26	16	7	9	13	16	12	16	17	16
9	20	19	20	20	21	20	13	10	11	17	19	****	22	21	21	20	19	6	2	2	3	1	0	2	13
10	7	10	8	3	4	3	0	****	5	8	11	13	19	19	22	11	12	8	3	9	11	15	13	10	10
11	6	7	7	5	8	10	7	8	12	21	20	****	20	18	18	22	19	6	0	0	0	0	0	0	9
12	0	0	0	0	0	0	0	0	1	1	3	7	7	11	7	6	3	1	0	8	14	10	8	10	4
13	12	11	10	13	16	14	11	5	5	9	13	16	20	22	22	21	16	7	5	1	0	7	4	1	11
14	3	2	4	6	3	0	0	0	0	1	2	3	6	6	10	4	13	17	13	14	14	9	0	0	5
15	1	3	4	6	8	7	3	0	1	4	6	7	15	17	18	****	21	19	20	21	23	12	6	7	10
16	10	16	17	20	21	22	18	11	7	13	19	21	26	26	26	25	20	12	13	15	16	17	19	20	18
17	21	20	21	20	18	16	14	12	17	22	22	23	24	****	24	21	18	12	1	0	1	2	4	3	15
18	3	2	3	3	2	1	0	0	6	22	22	22	21	17	22	23	23	22	21	16	17	18	7	10	13
19	20	23	22	12	0	0	0	0	4	7	11	16	****	21	26	27	28	24	7	2	1	3	12	17	12
20	17	17	17	20	25	26	27	19	16	17	21	24	27	30	36	32	28	14	14	10	5	1	1	0	19
21	0	0	0	0	0	0	0	0	0	2	2	0	1	9	12	14	12	10	9	13	21	32	36	39	9
22	42	39	36	35	37	37	34	26	24	22	18	16	18	16	17	17	6	5	****	1	1	11	15	22	22
23	25	21	32	34	30	27	24	16	12	10	14	13	13	14	9	1	0	0	0	0	0	0	0	0	12
24	0	0	8	13	13	14	14	6	5	15	24	27	26	26	24	24	20	15	8	7	8	14	15	15	14
25	17	15	14	14	18	21	20	17	17	16	13	14	17	16	16	17	16	10	4	3	5	6	9	13	14
26	17	20	21	23	22	21	15	6	0	5	13	17	17	****	21	17	12	5	1	2	6	15	17	9	13
27	17	19	20	25	25	24	23	16	12	18	23	23	25	27	28	27	22	12	20	17	21	20	15	12	20
28	1	0	0	0	0	0	1	0	1	9	17	21	25	51	60	49	36	22	****	****	0	0	0	0	13
MEAN	12	12	13	14	14	14	11	8	8	13	15	17	20	22	23	21	18	12	8	8	9	10	9	10	13.2

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF OATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INOICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	16	12	0	5	18	21	12	8	7	14	21	21	19	20	12	4	1	0	0	4	1	0	1	9
2	7	18	25	28	16	17	15	3	1	1	4	7	16	22	24	19	9	6	****	0	1	1	0	0	10
3	0	5	8	12	13	16	6	0	3	15	18	19	26	24	22	20	22	23	24	14	5	2	3	5	13
4	9	9	10	15	18	21	25	26	23	20	18	19	16	12	9	8	5	8	3	0	0	1	0	0	11
5	0	6	5	0	9	11	10	9	7	17	21	22	22	23	22	20	****	5	2	3	2	3	1	4	10
6	3	0	1	0	1	5	6	2	2	6	12	10	10	18	19	17	17	18	11	11	15	15	14	9	9
7	8	5	7	0	0	0	0	0	0	5	13	22	34	22	30	32	29	15	20	9	2	9	8	0	11
8	0	0	0	5	6	5	1	0	1	3	10	11	19	19	17	13	5	8	3	5	6	3	7	10	7
9	12	10	13	13	13	7	2	0	0	5	7	14	****	27	23	18	7	4	2	5	7	10	5	2	9
10	4	0	0	9	10	9	4	6	6	7	7	9	17	20	22	22	18	17	20	21	22	23	22	21	13
11	22	21	21	20	19	19	19	20	22	22	23	****	19	20	23	25	26	24	23	22	18	19	21	23	21
12	26	27	28	29	29	26	26	23	22	25	27	28	31	31	31	30	29	25	24	18	4	7	0	0	23
13	0	0	2	4	4	4	2	2	6	13	12	11	15	19	22	24	24	34	34	30	29	32	24	22	15
14	28	31	34	36	41	41	32	23	20	21	25	27	28	****	27	28	27	26	26	24	25	26	29	29	28
15	27	29	28	28	29	27	15	16	20	29	28	28	28	28	29	26	25	23	22	19	15	9	15	11	23
16	9	19	24	26	25	22	20	16	15	16	19	23	28	32	35	34	32	26	8	5	0	0	0	0	18
17	0	0	0	0	0	0	0	0	12	20	****	****	33	25	28	23	25	30	14	0	5	2	0	0	10
18	0	0	0	0	0	0	0	3	8	10	20	29	31	45	56	59	55	59	19	0	0	11	25	28	19
19	29	29	28	19	7	0	0	0	10	7	17	10	10	20	6	20	30	25	10	0	0	0	0	0	12
20	0	0	0	0	0	0	0	0	4	8	16	19	26	19	23	17	12	4	0	0	0	6	2	5	7
21	12	19	13	10	11	11	0	0	0	4	13	25	****	37	40	35	31	23	7	0	0	0	0	0	13
22	0	0	0	0	5	15	11	4	4	7	9	18	28	32	38	30	40	48	13	****	0	0	9	0	14
23	0	0	0	0	2	0	0	0	12	21	28	31	40	42	35	26	37	31	8	2	1	1	16	19	15
24	9	0	17	26	26	28	23	16	20	14	16	5	11	0	0	3	11	5	0	0	0	9	9	11	11
25	17	20	15	13	13	16	16	14	16	19	21	23	24	21	21	22	19	19	16	10	13	5	2	4	16
26	12	13	15	16	14	14	15	15	16	16	21	23	27	27	27	27	26	25	25	24	25	26	26	29	21
27	29	27	27	30	30	30	23	19	27	31	33	33	33	33	34	32	32	27	****	20	22	18	12	10	27
28	0	0	2	0	0	0	0	0	11	28	31	29	29	29	17	22	25	22	23	17	15	17	10	2	14
29	4	1	2	0	0	0	0	4	11	9	19	18	16	7	5	2	0	0	0	0	0	0	0	0	4
30	3	8	19	19	20	17	9	0	0	4	6	2	3	3	2	1	1	1	1	1	1	1	1	1	5
31	32	31	34	21	2	8	5	2	4	21	21	25	28	28	28	24	16	13	17	19	23	26	27	22	20
MEAN	10	11	13	12	12	12	10	8	10	14	18	19	23	23	24	22	21	19	13	9	8	9	9	9	14.1

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	22	20	24	26	27	24	21	22	29	29	28	28	25	25	26	25	25	24	22	23	25	25	24	25
2	26	24	22	19	19	16	12	4	0	2	0	****	0	6	6	4	14	17	13	9	12	12	8	21	12
3	26	25	27	28	28	27	24	20	24	26	26	30	30	30	30	27	25	17	9	5	0	3	2	0	20
4	0	0	0	4	2	0	0	0	11	13	9	15	23	20	23	23	25	25	****	28	25	25	23	18	14
5	6	21	23	21	26	25	23	21	24	24	24	22	29	27	29	****	****	27	18	9	24	20	25	28	23
6	35	34	36	28	26	31	28	24	23	23	24	24	25	****	26	25	23	22	22	24	26	25	24	24	26
7	27	28	27	27	30	30	28	27	28	29	27	28	30	29	31	31	30	30	27	24	25	23	21	15	27
8	16	16	6	8	5	9	8	12	9	23	27	29	28	17	25	18	4	7	9	3	2	4	3	9	12
9	15	20	20	26	22	18	17	8	9	12	21	23	25	****	24	18	15	10	4	0	0	0	2	14	14
10	18	25	27	25	21	21	16	13	18	26	28	30	29	31	30	28	26	21	14	9	5	6	2	2	20
11	0	0	2	1	2	0	0	0	20	20	8	18	11	23	31	23	19	21	19	18	23	24	22	12	13
12	14	17	19	22	20	23	20	19	16	22	25	26	30	22	****	****	30	29	29	29	31	29	36	38	25
13	38	32	30	30	31	29	31	29	30	31	30	29	29	26	24	23	24	16	11	15	23	26	24	22	26
14	20	19	23	23	25	22	14	12	36	32	32	38	42	42	40	21	38	19	3	19	3	0	29	20	24
15	20	29	27	31	31	30	30	31	31	34	36	37	36	38	38	36	36	34	36	32	30	26	28	30	32
16	28	28	26	25	20	20	17	11	10	11	15	20	24	25	25	24	22	20	15	10	11	16	12	17	19
17	19	23	24	23	17	15	11	7	8	21	28	31	30	32	36	36	31	24	21	14	18	23	17	9	22
18	12	15	19	25	25	24	18	15	25	32	34	36	37	37	35	34	30	28	21	****	12	14	18	19	25
19	21	24	27	28	26	14	5	8	19	30	34	36	39	39	39	34	32	27	21	6	3	9	12	11	23
20	19	24	20	15	16	18	8	4	6	8	16	23	****	35	31	34	36	19	5	0	0	0	0	0	15
21	0	0	0	0	0	0	0	10	22	28	24	32	41	39	32	38	31	15	5	7	0	0	4	27	15
22	7	1	2	2	4	12	15	19	25	33	30	32	34	38	40	42	43	38	14	1	0	9	10	6	19
23	4	7	9	4	0	0	0	4	5	10	18	35	35	39	39	33	30	15	7	1	0	0	0	0	12
24	0	0	0	0	0	0	1	5	4	8	24	35	50	49	48	60	68	62	41	8	14	16	13	11	22
25	8	0	3	15	32	45	34	5	3	13	18	19	32	35	****	39	35	20	32	18	17	4	1	2	19
26	0	24	37	22	9	1	0	1	5	12	25	33	39	41	29	16	14	6	13	15	17	19	18	13	17
27	2	3	11	18	19	12	7	5	7	14	15	15	13	12	8	5	3	1	2	1	2	7	15	13	9
28	16	16	17	16	18	16	14	10	6	10	16	15	13	14	15	13	13	10	9	0	0	0	0	0	11
29	3	21	22	28	27	20	22	26	27	****	29	29	29	31	31	32	31	25	12	14	1	0	0	1	20
30	1	0	0	9	7	0	2	5	10	12	7	9	12	25	25	31	34	30	22	18	7	13	18	24	13
MEAN	14	17	18	18	18	17	14	13	16	20	23	27	28	30	29	28	27	22	16	12	12	13	14	14	19 0

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	27	28	28	25	24	20	21	25	26	25	23	25	26	26	23	23	23	23	17	14	7	5	6	21
2	3	0	0	5	1	0	0	1	5	19	21	27	33	31	32	28	31	25	19	15	15	15	16	8	15
3	5	24	34	32	27	19	6	10	7	5	4	4	9	8	4	2	1	1	20	28	35	37	35	34	16
4	29	25	25	25	23	18	12	17	19	20	23	25	22	20	20	21	20	22	19	16	20	17	21	16	21
5	17	23	28	28	23	21	23	26	26	26	27	30	32	33	34	35	33	14	14	31	31	29	20	14	26
6	4	2	14	12	23	23	23	23	25	28	31	30	29	30	27	20	18	22	27	25	25	28	28	29	23
7	27	30	31	32	32	27	21	24	25	28	32	35	41	43	46	47	44	43	37	34	36	26	24	37	33
8	34	28	23	12	25	8	2	4	6	15	20	27	37	47	47	32	29	25	7	0	6	2	1	0	18
9	0	0	0	1	0	0	0	6	12	****	39	48	51	63	57	48	43	39	30	25	11	15	19	24	23
10	10	4	6	8	2	0	0	14	26	54	58	90	103	90	79	88	59	41	14	28	22	12	8	0	34
11	4	16	10	46	32	11	2	8	18	17	24	41	48	50	48	48	51	55	64	50	24	17	6	10	29
12	20	17	17	19	15	4	10	2	13	26	30	40	31	28	25	27	23	16	18	23	21	21	20	18	20
13	17	17	24	25	24	23	26	28	29	30	31	33	31	31	32	34	35	36	31	22	6	0	14	32	25
14	34	31	25	5	0	0	5	16	21	32	41	43	46	46	47	41	****	29	27	12	7	1	1	0	22
15	13	16	34	30	25	20	8	6	11	20	35	30	22	36	40	27	16	17	6	15	31	19	21	17	21
16	21	29	32	31	28	20	15	18	23	24	27	29	29	31	30	27	22	****	16	9	1	0	1	0	20
17	0	0	0	2	1	1	1	2	9	21	27	39	43	49	45	42	39	28	19	7	1	0	0	0	16
18	0	0	0	0	0	0	1	3	13	18	20	30	38	36	48	49	39	****	****	****	****	****	****	****	17
19												- DATA INVALID -													
20												- DATA INVALID -													
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	20	17	18	18	19	13	9	******
22	8	13	18	18	13	8	5	5	10	22	27	32	31	31	30	29	31	****	18	6	3	3	22	23	18
23	25	22	14	8	4	1	1	4	8	22	26	27	28	29	31	32	31	31	13	2	16	21	9	2	17
24	9	18	21	17	14	7	3	4	11	14	18	21	25	20	19	14	13	9	5	6	0	0	0	12	12
25	24	26	26	27	25	17	6	5	6	9	10	6	5	6	8	5	7	8	8	6	5	3	3	7	11
26	16	17	17	17	16	15	10	11	10	7	11	12	18	18	21	29	31	30	28	4	2	3	10	12	15
27	4	7	9	17	18	13	15	18	19	16	18	21	21	20	26	28	17	20	13	2	0	0	0	0	13
28	0	0	0	9	7	2	3	7	15	16	17	22	18	23	23	20	4	1	1	0	1	0	2	1	8
29	2	0	0	0	0	1	1	1	3	11	16	18	17	26	26	22	20	16	****	9	3	3	0	0	8
30	0	0	0	1	2	2	2	4	8	24	30	34	46	49	57	66	66	57	54	31	2	0	0	0	22
31	0	0	0	0	0	0	2	2	10	25	38	43	43	46	62	56	50	44	39	24	1	0	0	10	21
MEAN	13	14	16	16	14	10	8	10	15	21	26	31	33	35	35	34	29	26	22	17	13	11	11	11	19.5

PERCENTAGE OF DATA VALID - 89.7 PERCENTAGE OF DATA INVALID - 10.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	0	0	0	2	18	30	35	40	41	44	40	43	38	33	40	41	30	12	4	2	0	0	21
2	0	0	0	18	37	31	21	16	17	20	24	28	35	37	40	43	36	38	23	7	0	4	8	16	21
3	25	26	25	23	19	18	19	23	26	29	37	44	41	48	52	54	57	56	54	35	17	12	16	7	32
4	0	0	28	35	28	7	13	12	31	47	50	66	72	65	62	55	54	48	41	25	21	40	39	35	36
5	35	40	32	33	30	16	10	14	25	18	21	29	****	32	34	31	24	24	23	18	10	10	13	9	23
6	11	9	8	5	14	12	12	12	16	20	22	23	24	24	23	19	18	17	14	15	16	14	14	13	16
7	15	24	19	17	10	4	3	6	15	22	28	47	47	51	54	49	64	78	61	53	28	13	3	3	30
8	20	32	41	39	22	18	9	9	8	20	30	39	42	47	****	54	47	38	36	39	19	18	17	15	29
9	3	0	0	0	0	0	0	3	13	27	33	37	45	45	44	37	31	28	19	14	11	7	4	1	17
10	4	4	9	16	16	14	7	7	8	7	9	12	12	12	12	12	12	12	10	7	4	4	4	5	9
11	5	6	6	6	5	3	2	3	4	4	4	****	13	16	18	19	20	19	19	14	6	3	4	11	9
12	14	15	17	17	17	12	7	12	17	23	25	26	27	27	27	23	18	15	22	17	7	3	6	11	17
13	18	19	22	19	20	19	11	18	27	31	33	34	34	34	31	****	30	30	29	20	3	0	0	0	21
14	0	0	2	6	2	3	3	11	16	32	35	32	49	61	62	54	59	54	52	56	50	26	2	15	28
15	52	50	58	54	47	39	24	30	39	48	58	74	71	71	75	77	77	78	70	54	48	48	50	52	56
16	52	48	45	40	35	28	29	34	42	46	****	80	86	90	95	91	86	83	80	75	68	59	28	38	59
17	38	32	41	41	13	19	12	47	59	69	76	79	81	81	79	78	78	74	67	60	47	42	39	37	54
18	27	23	20	19	18	14	12	12	14	17	19	29	37	30	42	22	41	44	27	11	0	4	3	6	20
19	7	6	6	7	5	3	2	2	14	20	24	28	29	27	27	28	28	26	21	8	0	6	6	2	14
20	4	9	14	1	0	5	9	15	18	24	31	34	38	42	42	44	37	39	36	42	40	20	3	0	23
21	1	12	39	39	32	5	0	2	2	8	9	22	22	22	21	31	26	25	14	3	27	32	23	10	18
22	19	19	12	14	12	8	7	7	10	23	23	25	22	12	11	10	10	9	9	9	10	12	12	12	13
23	12	12	12	13	13	11	10	8	7	8	11	11	9	11	11	12	12	10	10	7	6	6	7	5	10
24	7	10	12	12	10	13	13	14	15	14	15	16	28	29	32	29	27	22	17	9	9	12	15	17	17
25	18	17	17	16	11	10	5	6	10	20	31	30	31	29	29	31	34	31	23	7	0	0	0	0	17
26	0	0	0	0	2	0	2	6	19	20	30	****	39	46	57	58	72	48	61	62	56	31	0	0	26
27	23	60	69	68	57	42	26	29	30	46	54	62	55	49	46	34	19	35	41	46	48	33	22	15	42
28	19	20	46	47	27	14	13	15	15	19	****	****	85	81	61	71	70	61	40	14	11	36	19	8	36
29	6	9	15	35	23	21	13	34	24	28	38	54	65	31	19	14	19	29	29	17	0	1	5	16	23
30	28	21	23	26	23	16	18	18	20	27	24	24	31	33	36	37	38	40	36	30	29	30	23	19	27
MEAN	16	17	21	22	18	14	11	15	20	26	30	38	42	41	41	40	39	38	34	26	20	18	13	13	25.4

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	29	35	33	28	22	21	24	24	20	17	15	22	20	22	27	30	22	15	9	5	4	4	2	20
2	0	0	0	0	1	7	10	20	21	11	11	13	15	15	15	16	19	19	16	8	7	10	14	16	11
3	18	19	19	17	16	10	4	8	13	18	23	24	22	22	20	17	16	****	16	15	13	6	0	0	15
4	0	1	4	10	11	7	2	6	14	18	23	22	23	22	24	22	21	25	22	20	18	17	17	18	15
5	17	14	18	19	17	12	8	13	18	20	20	20	24	24	26	25	24	22	19	11	6	9	18	20	18
6	23	21	20	17	17	9	5	5	10	23	26	29	26	27	32	45	40	27	22	18	9	3	9	0	19
7	0	0	0	0	3	6	4	4	8	25	36	35	36	40	44	44	39	38	34	14	17	17	5	6	19
8	6	5	20	9	10	17	18	24	23	38	38	49	52	53	65	66	66	****	50	36	11	0	0	0	29
9	0	0	0	0	0	0	9	25	31	36	47	56	64	69	66	60	60	50	57	38	24	2	6	24	30
10	24	18	16	41	28	13	7	12	12	6	10	21	27	53	59	35	35	34	32	23	22	20	17	20	24
11	26	22	18	14	10	3	6	9	10	25	46	67	75	81	74	72	47	29	26	8	3	0	3	2	28
12	1	2	3	0	2	13	8	14	33	36	47	75	93	99	94	84	84	79	69	37	7	0	2	3	37
13	0	1	2	6	11	3	1	4	28	57	72	84	96	85	63	69	61	53	50	38	8	0	0	0	33
14	0	0	0	2	0	2	1	19	38	34	47	57	74	105	106	96	78	79	74	52	23	13	9	3	38
15	19	15	6	1	9	15	24	42	48	45	50	****	65	48	52	53	52	54	46	20	12	9	2	3	30
16	6	6	9	9	7	3	3	6	16	32	52	79	53	51	39	18	20	18	13	9	9	7	8	10	20
17	8	8	9	8	7	4	4	5	12	14	17	12	27	27	29	26	23	17	7	8	8	10	7	11	13
18	16	15	15	15	12	5	4	8	13	19	29	43	52	63	63	58	63	58	38	32	0	0	0	2	26
19	5	2	0	3	2	2	2	4	20	28	32	44	52	56	63	69	67	60	53	19	0	0	10	13	25
20	23	29	29	29	25	15	12	22	52	72	88	87	94	91	64	57	58	67	62	43	22	36	35	10	47
21	16	0	0	0	0	4	5	13	37	51	74	88	91	126	134	117	102	78	72	52	44	42	27	18	50
22	34	45	52	53	13	9	49	48	62	74	76	76	74	72	73	76	76	78	74	58	18	25	26	11	52
23	15	42	49	46	27	3	2	5	24	29	56	84	95	93	95	103	92	72	****	53	56	60	41	49	52
24	44	41	39	35	23	5	13	24	29	41	47	52	62	66	62	54	43	33	35	34	36	33	27	27	38
25	29	22	19	12	8	2	2	3	7	11	26	28	39	28	33	40	41	35	12	****	5	8	16	14	19
26	20	16	17	18	12	7	8	12	16	10	12	15	16	13	11	13	13	13	15	17	17	20	18	15	14
27	17	16	14	12	5	0	0	3	6	10	15	30	29	28	49	61	83	77	49	38	2	1	1	1	23
28	0	0	1	4	8	4	2	3	5	14	27	28	40	37	43	30	32	35	31	17	16	12	7	5	17
29	8	9	11	13	10	9	9	12	16	19	29	34	42	41	44	49	56	52	48	25	14	4	2	5	23
30	10	10	9	6	5	0	0	5	19	24	39	46	****	52	59	61	59	80	72	63	62	43	14	40	34
31	48	41	22	30	11	0	0	5	10	24	32	33	41	43	44	41	29	25	23	18	27	22	25	26	26
MEAN	15	14	15	15	11	7	8	13	22	29	38	45	51	53	54	52	49	46	38	28	17	14	12	12	27.2

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	33	37	35	31	21	4	5	0	12	18	21	23	19	25	21	19	19	16	14	16	18	20	25	20
2	32	31	29	30	23	18	11	22	17	21	30	23	36	33	27	28	29	28	24	15	7	2	3	4	22
3	9	9	8	11	6	7	3	13	34	47	56	50	57	65	62	70	55	54	46	51	39	27	27	24	35
4	25	23	30	23	22	17	14	16	23	57	76	65	65	58	45	42	64	40	31	21	9	2	3	6	32
5	5	11	12	36	25	19	17	31	39	38	41	43	43	44	41	41	40	39	35	26	21	24	18	11	29
6	15	24	28	26	24	19	13	12	12	14	17	21	22	23	22	23	24	23	15	8	0	0	0	0	16
7	0	0	0	0	0	0	0	0	4	5	6	****	10	28	31	53	63	63	54	45	40	32	27	26	21
8	23	17	17	17	14	6	2	3	6	7	10	19	25	30	37	34	31	26	16	8	0	4	7	4	15
9	12	14	16	9	7	1	1	12	8	8	10	17	17	19	17	17	16	10	9	7	7	5	5	2	10
10	7	15	19	9	4	6	5	0	0	8	41	38	42	39	37	36	35	****	20	20	16	12	12	17	19
11	21	21	18	15	13	9	6	9	9	11	15	17	18	23	26	27	20	14	11	11	12	11	6	5	15
12	9	11	12	7	5	4	4	6	14	18	19	20	23	23	23	24	23	23	17	2	0	2	0	0	12
13	0	0	5	6	5	1	1	3	4	22	25	35	39	41	44	45	38	39	****	42	44	38	40	41	24
14	40	33	28	28	21	16	4	6	17	19	15	14	15	16	15	14	16	17	17	16	14	13	14	14	18
15	14	13	12	11	11	13	11	11	12	15	15	15	18	****	17	13	10	10	11	6	1	0	0	1	10
16	4	6	10	10	6	1	0	1	5	10	18	28	28	31	43	56	51	29	18	1	0	0	2	3	15
17	2	0	0	4	0	0	0	1	4	6	10	25	34	27	14	23	26	8	1	2	3	13	23	28	11
18	10	4	11	26	30	27	17	13	5	1	2	4	5	7	7	4	1	0	0	0	0	0	0	0	7
19	0	0	0	10	17	18	18	26	31	27	28	30	34	45	59	55	53	53	39	20	8	0	0	1	24
20	2	8	8	7	7	4	1	3	6	11	25	29	27	28	29	31	29	16	16	1	0	0	0	0	12
21	0	0	0	2	1	2	0	1	7	10	13	39	49	45	36	29	28	25	8	0	0	0	3	3	13
22	4	4	5	4	1	0	0	4	8	11	****	20	28	39	32	32	33	28	27	18	14	18	14	14	16
23	11	9	11	6	2	3	0	3	5	4	5	6	5	8	17	24	12	11	7	4	10	4	3	0	7
24	0	0	0	0	2	2	2	6	11	20	22	25	28	31	38	35	26	25	25	7	7	21	16	6	15
25	20	26	23	20	24	19	16	18	19	23	25	28	31	30	33	36	36	34	26	15	7	2	5	1	22
26	3	0	1	1	7	8	8	8	12	26	26	****	28	25	25	27	22	16	8	3	0	6	9	17	12
27	20	16	19	15	12	6	1	2	10	20	31	40	54	51	54	58	48	45	22	10	9	2	4	0	23
28	1	0	0	0	0	0	0	11	12	18	21	34	41	42	43	37	35	37	19	14	15	13	10	23	18
29	21	8	12	22	14	7	4	12	10	13	19	20	29	30	38	29	34	38	32	30	23	24	22	2	21
30	0	0	0	0	1	0	0	9	18	23	33	39	44	40	36	30	29	23	17	7	5	9	10	11	16
31	7	5	6	8	2	0	0	1	6	12	21	24	****	****	****	****	****	****	****	****	****	****	****	****	******
MEAN	11	11	12	13	11	8	5	9	12	17	23	27	31	32	32	33	32	27	20	14	11	10	10	10	17.4

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	17	17	8	0	0	0	0	0	******
5	0	0	0	0	0	0	0	0	6	2	11	8	4	22	26	32	30	26	23	8	1	0	0	1	8
6	0	2	10	12	4	0	0	0	4	19	35	43	48	46	42	36	37	41	30	27	25	23	20	19	22
7	20	16	15	12	7	3	0	1	6	8	8	5	5	6	6	5	5	6	5	6	7	8	6	8	7
8	11	11	11	11	9	6	2	4	8	9	11	13	17	16	19	23	18	16	7	1	1	0	0	1	9
9	1	0	0	0	0	0	1	2	8	10	14	15	****	31	28	29	31	30	27	8	1	1	10	8	11
10	13	20	27	25	14	10	8	8	14	35	39	42	31	32	31	22	21	17	11	7	3	0	0	0	18
11	1	1	1	0	0	0	0	2	5	8	13	17	31	36	36	31	35	39	13	0	0	0	0	0	11
12	0	2	11	18	4	0	0	3	9	17	****	24	10	13	22	37	37	29	23	20	18	18	19	23	16
13	24	14	0	0	0	0	0	11	30	44	46	49	60	64	67	59	43	34	17	13	29	35	31	32	29
14	40	34	37	34	34	21	9	7	7	8	13	16	15	17	18	16	14	10	10	5	4	5	5	3	16
15	4	7	4	5	6	4	1	5	10	15	20	22	22	22	23	24	24	****	13	13	10	3	4	0	11
16	0	6	7	12	7	5	4	8	11	20	27	33	38	36	36	38	37	35	26	14	14	22	25	32	21
17	31	26	21	17	16	7	1	6	19	33	40	42	57	58	45	36	****	49	31	26	19	30	40	47	30
18	49	45	41	26	25	26	8	11	27	38	41	50	56	58	59	51	48	40	32	20	13	11	7	8	33
19	10	14	16	17	17	9	3	8	13	18	****	19	22	21	21	20	17	15	2	0	0	1	0	0	11
20	0	0	0	0	0	0	0	0	2	5	11	21	27	34	36	28	28	26	18	19	26	28	22	5	14
21	9	5	1	4	9	5	1	2	4	11	20	21	25	16	13	9	8	5	1	0	1	1	2	2	7
22	5	3	2	3	4	4	1	2	4	8	10	13	17	18	19	20	20	15	6	6	7	7	7	3	9
23	1	1	3	3	4	4	2	5	5	10	15	15	19	21	22	21	21	10	1	1	0	0	0	0	8
24	0	0	0	0	0	0	0	0	7	15	17	23	24	26	27	35	****	16	2	0	0	0	0	0	8
25	0	0	0	0	0	4	3	1	6	6	11	30	31	36	50	48	40	24	21	22	13	2	3	12	15
26	13	14	22	24	22	16	4	5	9	18	22	26	29	31	29	24	14	2	0	0	0	0	0	0	14
27	0	0	0	0	0	0	0	0	0	12	12	13	24	29	25	19	10	3	0	0	0	1	0	0	6
28	0	0	0	0	0	0	0	0	0	3	3	5	2	2	3	3	6	4	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	1	7	15	19	24	25	26	27	26	15	8	1	1	0	0	0	8
30	0	0	0	0	0	0	0	1	1	5	5	8	15	14	15	18	11	2	0	6	8	10	10	10	6
MEAN	9	9	9	9	7	5	2	4	8	15	19	23	26	28	29	27	24	20	12	8	7	8	8	8	13.3

PERCENTAGE OF DATA VALID - 86.9 PERCENTAGE OF DATA INVALID - 13.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	9	10	12	10	4	0	0	1	1	4	5	14	13	11	11	10	6	2	1	0	0	0	0	6
2	0	0	0	1	1	0	0	0	0	0	5	8	12	12	9	6	1	5	12	15	8	11	12	8	5
3	8	12	12	11	9	1	2	0	2	1	1	1	2	5	6	4	6	6	6	4	3	1	2	6	5
4	6	12	12	11	4	0	0	0	3	5	5	0	0	0	4	5	1	0	0	0	0	0	0	0	3
5	2	5	5	5	4	0	0	0	1	5	****	7	12	16	18	3	0	8	****	3	5	5	11	14	6
6	16	18	17	15	15	11	6	7	9	12	14	9	14	17	17	13	24	22	13	5	19	11	9	7	13
7	7	9	9	15	21	20	18	17	17	17	16	16	15	14	14	17	17	14	13	12	10	10	8	9	14
8	17	17	18	16	13	9	10	15	20	26	26	24	19	19	17	15	8	1	0	1	2	1	6	5	13
9	0	1	1	1	1	8	5	3	7	11	16	18	21	21	15	13	****	3	0	0	6	7	1	0	7
10	0	0	0	0	0	0	0	0	2	4	8	19	22	20	17	10	6	0	0	0	0	0	0	0	5
11	0	0	0	0	0	0	0	0	1	3	7	13	24	20	14	11	7	****	14	2	8	10	14	15	7
12	21	23	26	25	16	4	1	1	4	9	13	17	19	21	18	9	6	0	0	10	7	14	14	15	12
13	15	18	18	16	13	12	8	8	11	8	13	16	20	18	12	9	10	8	12	9	6	7	7	4	12
14	5	4	5	6	12	7	4	4	10	20	24	26	26	26	25	22	22	18	14	6	3	5	7	11	13
15	11	11	12	11	8	3	0	2	3	6	9	13	26	****	****	18	18	14	6	0	0	0	0	0	8
16	0	0	0	6	7	3	0	1	5	11	14	14	15	16	19	19	16	12	5	3	1	4	0	0	7
17	0	0	0	0	0	0	1	1	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2
18	2	1	9	10	7	2	1	0	1	3	6	7	6	7	9	11	10	8	3	1	0	0	1	0	4
19	0	1	2	7	12	7	1	2	5	6	6	8	9	****	8	2	1	0	0	0	13	35	24	28	8
20	29	28	26	27	27	26	10	9	13	19	23	30	30	31	27	29	29	17	20	20	8	2	5	7	21
21	2	6	5	4	4	19	23	28	28	28	29	30	30	30	34	36	35	29	24	22	1	0	0	3	19
22	10	8	6	0	0	0	0	0	1	14	20	22	35	41	35	26	20	2	0	0	0	0	0	1	10
23	1	10	16	10	3	12	3	0	0	7	8	7	6	7	7	6	5	5	5	6	7	8	6	7	6
24	9	9	11	14	14	13	9	6	8	9	7	8	9	10	11	11	11	****	14	14	13	15	16	19	11
25	17	18	21	21	18	10	3	4	13	23	24	25	26	25	24	20	14	10	2	8	10	15	14	13	16
26	18	17	18	18	17	10	3	10	18	21	24	23	21	19	19	16	14	9	11	13	13	9	9	9	15
27	11	6	6	7	0	0	0	1	5	14	19	21	23	17	17	9	10	7	10	6	13	14	13	11	10
28	8	8	9	10	10	10	3	4	6	6	****	11	12	12	10	11	8	6	10	7	8	9	10	13	9
29	15	14	14	15	16	17	10	4	0	4	2	3	5	5	6	1	0	0	0	0	0	0	0	0	5
30	5	6	11	13	14	13	7	7	7	5	7	11	15	17	18	17	13	10	3	5	7	9	9	8	10
31	9	10	9	4	5	5	2	0	3	11	12	15	17	17	19	14	3	6	9	4	8	3	0	0	8
MEAN	8	9	10	10	9	7	4	4	7	10	13	14	16	17	15	13	11	8	7	6	6	7	6	7	9.3

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	11	16	9	1	1	1	4	12	9	5	3	0	2	1	0	0	9	6	7	12	10	5
2	7	7	8	8	8	8	4	2	2	8	9	13	19	18	17	15	12	1	****	2	2	2	2	2	8
3	2	2	2	2	2	2	2	2	4	8	13	17	23	23	24	24	22	13	13	6	6	5	2	2	9
4	9	7	8	6	7	7	4	5	6	14	14	17	15	16	16	16	12	0	0	0	0	0	0	0	7
5	0	0	0	0	0	0	0	0	0	0	7	12	****	16	11	6	0	0	0	0	0	0	0	0	2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	3	7	12	11	10	10	4	9	17	20	20	18	16	16	15	13	9	12	15	15	13	10	1	12
8	0	0	0	0	3	8	7	6	6	5	4	7	6	8	6	4	3	4	3	2	2	2	2	2	4
9	0	0	0	0	0	0	0	0	0	0	0	3	****	3	1	3	3	3	3	1	2	2	2	0	1
10	0	0	0	0	0	4	3	2	4	11	8	16	20	17	17	14	9	1	4	4	6	3	5	1	6
11	2	4	6	3	2	0	0	0	0	5	1	11	17	16	25	25	26	22	22	10	7	13	10	3	10
12	2	4	10	16	15	11	4	2	6	14	12	15	22	23	24	25	21	18	13	1	1	1	1	1	11
13	0	0	0	0	0	0	0	0	0	0	1	3	7	12	12	16	16	2	0	0	0	0	0	0	3
14	0	0	13	10	11	8	6	3	2	4	13	15	11	9	12	23	5	3	11	6	5	2	0	0	7
15	0	0	0	0	0	0	0	0	0	0	0	11	10	5	7	5	0	0	0	0	0	3	6	16	3
16	24	24	24	24	21	20	14	7	10	23	25	25	26	25	23	23	20	14	14	9	7	4	5	7	17
17	14	11	11	11	11	11	11	9	9	11	12	16	17	20	21	19	8	0	0	0	0	0	0	0	9
18	0	0	0	0	0	0	0	0	0	0	0	7	****	1	1	2	5	6	5	3	0	0	3	11	2
19	10	9	10	8	6	4	2	0	2	2	3	3	1	2	1	3	2	0	0	0	0	0	0	0	3
20	0	0	0	0	0	0	0	4	7	10	13	16	16	****	18	15	6	6	7	5	3	3	7	9	6
21	15	15	16	18	17	5	5	5	7	10	14	14	10	9	9	9	9	9	13	11	9	8	3	2	10
22	0	2	4	3	0	0	0	0	0	0	6	19	14	2	3	0	0	0	1	2	4	10	10	7	4
23	13	13	3	1	2	2	0	0	0	1	2	3	3	****	13	4	2	0	4	2	0	0	0	0	3
24	0	0	4	9	11	12	8	13	16	14	13	13	13	16	15	13	7	1	0	0	0	0	0	0	7
25	0	0	0	0	0	0	0	0	0	0	2	3	5	10	9	11	11	12	11	10	10	11	10	8	5
26	6	5	4	5	7	6	1	1	4	10	4	15	18	18	18	18	19	19	19	20	20	21	22	18	12
27	17	16	15	16	18	16	11	6	4	7	11	14	17	17	17	15	9	1	0	1	0	0	0	0	10
28	0	0	0	0	3	3	4	6	12	16	17	15	17	****	16	10	9	13	8	9	11	9	10	10	9
29	4	5	4	7	9	7	5	2	2	5	7	10	12	10	11	9	6	5	5	4	7	8	8	6	7
30	5	6	9	12	13	14	12	11	13	14	16	16	16	15	16	15	11	7	8	6	6	4	4	4	11
MEAN	4	4	5	6	6	6	4	3	4	7	9	12	13	12	13	12	9	6	6	5	4	4	4	4	6.8

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	4	2	0	5	8	6	7	8	3	1	1	0	0	0	0	0	1	0	1	4	8	8	3
2	11	11	10	14	17	18	17	13	14	16	19	****	****	19	19	16	3	2	7	4	1	1	1	1	11
3	1	1	5	7	3	5	4	3	4	11	17	20	22	22	22	20	15	2	6	10	10	15	12	9	10
4	8	9	9	9	8	8	6	1	2	6	9	10	16	17	18	11	8	10	11	7	4	6	4	5	8
5	2	0	0	0	0	2	2	0	1	3	7	10	14	22	23	23	23	24	26	28	28	30	30	29	14
6	32	32	30	27	23	13	8	1	0	1	4	6	6	7	4	3	3	0	0	0	0	0	0	0	8
7	0	0	0	2	2	0	0	0	0	2	6	8	9	8	5	2	0	0	0	11	12	11	6	3	4
8	6	13	17	19	23	25	25	24	21	20	22	20	18	18	16	15	15	10	13	16	17	17	12	7	17
9	10	12	13	15	17	18	18	15	13	13	13	9	10	9	10	11	11	9	5	6	5	8	10	10	11
10	15	16	12	12	8	7	3	0	0	6	10	8	3	3	5	2	2	2	2	0	0	0	0	3	5
11	1	4	11	13	14	14	10	8	6	11	17	20	23	23	22	21	20	18	14	14	18	21*	22	21	15
12	21	22	22	22	22	22	18	5	4	8	10	13	****	18	18	17	13	8	5	6	9	12	13	14	14
13	15	15	14	14	15	12	4	0	0	0	2	3	3	2	0	0	0	0	****	0	0	0	10	12	5
14	7	13	14	6	5	7	5	0	3	9	15	17	18	17	17	15	12	11	11	12	7	7	7	4	10
15	5	3	3	2	0	0	0	0	0	1	5	8	7	8	11	10	4	0	0	0	0	0	0	0	3
16	0	0	0	0	0	3	3	1	2	2	2	4	3	3	0	11	13	14	16	20	18	18	18	18	7
17	19	21	20	19	20	17	9	0	1	4	12	19	21	20	20	19	15	11	13	13	15	16	15	15	15
18	17	19	21	19	15	14	10	2	1	6	9	9	9	10	8	3	0	0	1	1	0	11	15	14	9
19	14	13	14	9	9	7	6	5	0	2	5	2	2	2	****	2	0	0	0	0	0	0	0	0	4
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	5	10	17	10	3	0	0	0	0	0	0	0	2
22	0	0	0	4	5	5	4	3	6	5	4	4	0	0	0	0	0	0	0	0	0	0	0	0	2
23	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	4	4	3	2	3	1	1	1	1	1	1	1	1	0	0	1
25	0	0	0	0	0	3	4	4	6	8	10	11	10	10	10	12	12	13	15	16	13	15	15	16	8
26	20	19	19	20	20	20	20	17	17	20	18	19	17	17	15	15	15	15	16	15	9	6	15	17	17
27	19	18	17	23	22	22	21	14	15	16	19	20	20	20	21	17	11	7	10	7	11	15	13	17	16
28	20	22	22	24	23	23	22	13	12	17	21	20	21	21	21	18	15	9	6	5	10	14	16	15	17
29	17	15	13	15	12	12	17	17	11	15	17	18	19	19	19	16	12	9	13	13	15	14	14	13	15
30	16	13	14	18	19	19	14	7	3	11	16	16	17	17	17	15	3	0	0	0	0	0	0	0	10
31	0	0	0	3	4	6	9	4	2	6	12	12	13	16	16	14	7	2	0	0	0	0	0	0	5
MEAN	9	10	10	10	10	10	9	5	5	7	10	10	11	12	12	10	8	6	6	7	7	8	8	8	8.6

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	9.5	21	27
FEB	28	13.2	22	60
MAR	31	14.1	28	59
APR	30	19.0	32	68
MAY	28	19.5	34	103
JUN	30	25.4	59	95
JUL	31	27.2	52	134
AUG	30	17.4	35	76
SEP	26	13.3	33	67
OCT	31	9.3	21	41
NOV	30	6.8	17	26
DEC	31	8.6	17	32
YEAR	357	15.3	59	134

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	397	342	0	0	0	0	0	0	739
FEB	271	365	22	2	0	0	0	0	660
MAR	324	359	47	4	0	0	0	0	734
APR	191	410	104	3	0	0	0	0	708
MAY	221	313	112	17	3	1	0	0	667
JUN	178	300	150	74	10	0	0	0	712
JUL	222	272	112	103	22	5	2	0	738
AUG	287	309	102	28	0	0	0	0	726
SEP	337	205	74	10	0	0	0	0	626
OCT	454	273	8	0	0	0	0	0	735
NOV	510	203	0	0	0	0	0	0	713
DEC	441	296	2	0	0	0	0	0	739
YEAR	3833	3647	733	241	35	6	2	0	8497

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
97.0	0	0.0	4.7	11.8	19.4	32.0	42.7	58.9	71.7	134	15.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	1	5	8	2	0	3	6	8	9	10	11	10	10	10	11	11	11	13	13	14	14	15	8
2	17	17	18	18	18	18	18	16	15	15	17	18	17	17	18	17	15	14	14	15	17	19	21	19	17
3	20	19	18	19	14	10	10	12	13	15	16	17	19	18	17	15	10	10	11	12	12	11	11	11	14
4	13	13	13	13	13	13	12	11	13	15	19	21	22	22	21	22	21	21	21	21	21	22	22	21	18
5	24	23	24	24	23	23	20	17	15	18	22	23	23	24	24	22	19	15	10	11	4	2	0	0	17
6	0	2	1	1	0	0	0	0	3	7	13	18	19	17	16	15	13	10	4	9	11	12	10	12	8
7	8	9	9	7	5	9	6	5	6	5	5	6	6	6	5	5	2	1	7	8	8	10	9	12	7
8	13	13	11	8	6	6	7	0	0	8	19	22	22	21	22	20	14	15	18	17	15	14	8	6	13
9	6	4	14	12	7	5	5	6	6	10	13	13	15	13	12	12	8	3	0	0	0	0	0	0	7
10	4	6	7	9	9	6	4	0	8	17	18	18	21	21	19	19	19	17	18	18	19	20	17	15	14
11	14	13	11	7	13	12	13	9	16	14	12	14	18	21	23	23	19	2	3	6	3	6	5	7	12
12	11	11	14	16	11	10	6	5	7	16	19	19	21	18	20	20	19	12	7	8	10	8	5	6	12
13	7	8	10	7	8	8	7	8	7	9	10	9	10	10	9	8	9	10	10	10	9	8	9	9	9
14	8	8	8	6	5	0	0	0	0	15	17	17	18	18	18	19	20	20	20	19	18	21	21	21	13
15	25	24	25	25	25	25	24	21	21	23	24	23	21	21	21	19	14	6	4	8	9	4	6	4	18
16	7	15	15	12	8	9	7	4	6	11	15	19	22	23	20	24	22	20	4	7	6	5	10	8	12
17	12	17	22	20	21	18	19	14	14	13	13	14	16	15	15	14	10	4	8	1	0	17	17	17	14
18	18	15	13	12	16	15	17	17	19	21	22	23	24	25	23	23	21	18	18	20	19	20	19	19	19
19	21	21	21	21	18	17	7	5	21	21	24	21	21	****	22	20	22	22	21	22	20	19	17	16	19
20	16	14	12	12	14	13	15	14	12	14	15	14	15	15	13	12	8	4	3	4	4	5	5	7	11
21	10	12	10	9	9	10	13	14	14	16	17	18	20	21	21	20	22	21	22	23	22	23	22	23	17
22	23	22	23	23	23	22	20	18	21	21	21	21	24	25	25	26	24	21	23	23	24	26	26	25	23
23	25	23	18	27	27	26	23	12	7	10	13	17	18	22	20	18	16	18	20	18	17	16	15	16	18
24	16	16	16	14	12	11	7	9	10	11	13	11	14	15	17	18	18	18	17	17	17	17	18	19	15
25	20	20	22	24	24	25	24	23	24	24	23	23	26	25	25	24	22	22	23	22	22	23	24	23	23
26	23	22	22	23	22	20	20	19	19	20	21	21	22	****	22	22	20	20	20	22	24	25	25	25	22
27	24	23	22	22	23	23	22	21	19	20	20	21	22	22	21	21	19	15	18	15	17	16	16	16	20
28	17	17	17	18	18	18	18	18	19	19	19	19	19	18	19	19	18	18	19	18	19	21	21	20	19
29	20	20	20	20	23	23	21	23	22	22	22	22	23	23	23	23	24	24	24	24	24	24	24	23	23
30	25	24	25	25	25	24	23	22	23	25	25	26	26	26	25	24	23	25	25	26	25	25	25	25	25
31	26	26	26	27	27	26	25	24	24	25	****	26	26	25	23	22	23	22	22	23	****	24	24	25	25
MEAN	15	15	16	16	15	14	13	12	13	16	17	18	19	19	19	19	17	15	14	15	14	15	15	15	15.8

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	25	24	24	25	24	24	24	24	25	25	26	26	26	26	25	25	24	26	26	26	27	26	27	25
2	27	27	27	27	27	26	26	26	26	26	28	30	30	-	-	-	-	-	-	-	-	-	-	-	******
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13	-	-	-	-	-	-	-	-	-	-	-	-	-	****	34	32	28	19	13	15	23	25	24	23	******
14	23	27	29	27	28	27	24	32	32	34	34	29	32	36	37	35	32	29	31	31	34	31	27	31	31
15	29	30	30	29	25	25	26	28	25	31	31	35	35	36	37	35	35	34	33	32	29	31	31	31	31
16	35	34	32	32	31	32	28	20	25	26	****	27	26	26	26	26	25	24	22	23	23	24	24	24	27
17	24	26	24	25	25	26	26	27	28	27	27	28	31	32	32	31	27	24	25	27	26	28	28	30	27
18	31	29	29	28	28	30	31	30	31	30	29	27	31	31	29	28	30	31	31	30	28	26	27	27	29
19	25	25	24	24	24	20	5	4	10	18	24	27	31	36	39	41	39	31	12	2	9	26	13	6	21
20	5	4	10	15	20	21	17	13	17	24	32	36	38	40	38	34	27	14	3	0	2	12	12	2	18
21	0	3	8	9	6	2	2	7	12	16	18	19	20	14	11	15	14	12	17	23	32	38	42	44	16
22	40	36	39	37	32	35	31	27	25	26	28	31	37	42	45	47	48	43	20	13	13	16	19	22	31
23	26	28	31	34	31	32	30	28	30	31	35	37	38	36	35	27	31	25	18	22	23	13	0	0	27
24	0	0	11	16	18	17	15	16	23	28	32	36	39	38	36	32	29	26	25	26	25	25	25	25	23
25	27	26	26	27	30	29	29	29	29	29	29	30	34	32	29	27	27	28	28	28	29	28	28	28	29
26	30	29	29	28	26	27	27	26	25	25	23	24	26	27	28	28	28	27	29	29	28	30	30	29	27
27	33	31	27	28	28	27	25	24	25	26	29	30	31	32	33	32	30	29	29	30	30	30	29	31	29
28	32	31	33	35	36	32	11	9	15	23	28	41	49	38	48	52	53	32	19	17	1	1	0	1	27
MEAN	24	24	25	26	26	25	22	22	24	26	28	30	33	33	33	32	31	27	22	22	22	24	23	22	26.1

PERCENTAGE OF DATA VALID - 60.4 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 39.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	21	25	29	34	34	30	30	31	32	33	36	36	36	36	34	36	36	32	31	31	33	28	29	31
2	32	32	34	32	29	29	29	25	27	30	30	31	36	40	40	38	40	33	20	20	21	23	23	22	30
3	25	26	23	24	21	22	23	23	23	26	27	32	32	32	41	37	34	40	41	41	33	26	24	17	29
4	13	14	18	23	28	29	26	26	26	25	25	26	29	31	30	31	28	28	20	19	21	22	22	21	24
5	20	17	17	16	16	12	4	9	13	16	23	23	25	27	25	24	24	11	9	7	1	2	0	0	14
6	0	0	0	0	1	9	11	9	7	2	5	12	18	13	****	20	16	12	14	10	10	6	9	18	9
7	25	27	28	23	22	17	11	9	11	22	27	35	42	43	50	53	46	32	28	19	14	6	8	7	25
8	22	26	30	29	31	29	21	16	17	24	25	28	32	32	34	35	29	31	25	21	20	20	19	17	26
9	19	21	21	18	19	20	13	2	14	25	22	23	22	23	26	27	30	27	27	27	20	22	21	20	21
10	20	16	5	2	5	9	10	10	10	13	19	19	19	20	23	25	22	24	25	26	26	23	23	22	17
11	23	23	23	23	22	22	21	21	20	20	21	21	21	21	23	24	24	23	22	21	22	21	21	21	22
12	23	24	24	25	25	26	24	23	23	23	23	24	25	25	25	24	24	25	25	22	21	19	14	1	22
13	0	0	4	14	16	16	15	16	15	14	16	16	16	14	15	15	14	17	28	29	26	25	25	20	16
14	8	21	25	29	29	36	33	27	24	23	23	24	28	28	27	27	26	25	23	23	24	24	25	25	25
15	25	26	26	26	26	26	24	24	23	25	24	25	26	26	25	25	24	24	24	25	25	19	19	15	24
16	11	15	11	10	14	15	12	14	20	23	24	26	30	31	36	41	41	35	24	14	17	16	2	0	20
17	0	0	0	0	1	4	2	4	12	24	37	41	45	49	46	43	45	43	27	17	13	10	13	13	20
18	14	19	26	26	25	26	27	28	41	44	55	58	52	56	57	56	55	55	49	30	37	32	27	36	39
19	36	34	33	34	33	27	19	25	32	30	31	34	38	39	39	41	40	39	25	20	5	10	24	32	30
20	35	34	34	32	32	31	25	24	21	24	28	33	37	37	32	31	37	34	30	25	28	28	26	31	30
21	34	36	36	34	34	30	24	14	25	35	32	34	39	42	44	48	43	33	23	6	0	0	0	1	27
22	6	10	18	21	27	27	28	28	33	37	39	43	49	54	55	61	60	57	30	14	3	22	32	30	33
23	34	35	35	35	36	36	34	29	28	27	35	50	54	61	68	73	64	52	49	46	50	46	44	39	44
24	38	35	27	24	22	22	23	24	27	26	23	24	30	31	30	28	32	35	32	36	32	30	29	24	29
25	23	16	13	9	8	6	8	11	13	14	17	17	23	22	22	20	17	11	9	9	9	10	11	12	14
26	16	15	16	15	15	15	15	16	16	18	19	20	23	22	22	21	21	22	22	23	27	27	27	27	20
27	29	29	28	28	27	28	25	25	25	27	27	28	30	31	32	31	27	27	26	26	25	25	20	16	27
28	21	19	19	20	17	7	9	17	23	28	32	30	32	34	32	31	27	27	27	25	25	26	26	13	24
29	11	14	14	5	3	8	6	5	8	1	0	8	15	17	20	25	28	28	26	23	18	19	21	25	15
30	21	16	16	17	18	18	17	16	16	12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
31												- DATA INVALID -													
MEAN	20	21	21	21	21	21	19	18	21	23	26	28	31	32	34	34	33	31	26	23	21	20	20	19	24.3

PERCENTAGE OF DATA VALID - 94.8 PERCENTAGE OF DATA INVALID - 5.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	30	30	31	30	28	27	26	26	26	******
5	26	25	25	23	24	26	26	25	24	26	28	29	30	32	32	33	34	31	17	10	22	27	24	30	26
6	29	31	36	31	26	27	28	24	23	22	23	22	23	23	21	21	21	21	22	22	23	24	24	24	25
7	23	23	23	24	25	27	26	26	26	24	26	25	27	29	31	31	31	30	28	25	27	21	23	21	26
8	20	20	23	24	27	29	29	30	32	33	33	33	33	33	32	31	34	35	35	37	37	35	36	37	31
9	37	35	35	34	32	32	33	33	33	33	32	34	34	35	32	31	30	30	29	31	18	12	14	23	30
10	30	30	30	29	28	28	27	27	28	27	30	32	32	32	30	28	29	31	28	27	28	28	28	29	29
11	30	30	31	30	31	32	25	30	35	36	37	36	39	36	37	37	37	35	32	29	20	15	15	21	31
12	35	39	41	37	35	35	35	34	35	34	34	32	31	34	****	35	35	34	34	35	35	33	35	34	35
13	30	30	30	32	32	30	31	32	30	32	30	29	28	30	30	27	27	26	23	22	23	24	22	17	28
14	18	19	22	25	27	26	25	25	21	18	30	33	39	37	39	41	35	39	37	36	37	36	29	7	29
15	16	25	29	33	35	35	34	34	31	34	35	35	36	35	36	34	33	33	33	32	31	29	28	27	32
16	27	25	23	22	20	20	17	17	15	16	20	22	24	25	25	25	25	25	25	25	24	25	24	24	23
17	22	22	21	17	23	22	20	22	25	28	30	29	32	34	34	33	32	34	34	29	30	30	31	32	28
18	35	33	31	30	31	30	30	29	31	34	34	35	37	37	36	37	35	35	34	34	35	32	30	32	33
19	31	33	32	34	30	28	26	34	35	37	38	40	42	43	44	****	41	39	36	34	34	35	35	35	35
20	33	34	34	34	32	21	16	20	28	36	41	42	45	45	46	44	45	47	16	13	4	0	0	0	28
21	0	3	8	15	11	12	13	11	18	36	42	45	49	60	63	49	47	43	32	18	9	23	9	13	26
22	15	19	18	19	23	23	22	22	24	32	35	36	39	39	40	39	42	43	35	29	23	20	23	27	29
23	27	23	24	25	22	23	23	26	31	37	44	42	45	49	39	45	53	42	30	15	24	34	36	38	33
24	39	32	28	34	37	32	26	44	42	38	32	41	56	57	58	59	79	78	51	49	52	56	51	50	47
25	49	43	38	36	38	35	31	29	31	30	30	39	54	59	****	73	76	77	74	63	58	51	52	57	49
26	56	56	53	42	37	28	23	23	20	26	29	32	35	36	34	36	32	34	31	15	22	36	38	35	34
27	35	35	34	17	19	19	18	18	18	19	20	18	19	19	19	19	18	19	19	19	19	19	20	20	21
28	21	21	21	23	25	26	25	24	24	25	24	23	25	27	27	25	22	27	32	27	23	19	13	3	23
29	18	23	23	24	26	27	27	27	28	30	31	31	32	36	37	37	37	36	31	27	22	26	28	29	29
30	27	27	29	30	30	27	25	22	21	27	31	32	32	33	36	36	36	34	28	29	28	24	21	24	29
MEAN	28	28	29	28	28	27	25	26	27	30	32	33	35	37	36	36	37	37	32	28	27	27	26	26	30.2

PERCENTAGE OF DATA VALID - 87.5 PERCENTAGE OF DATA INVALID - 12.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	24	25	26	25	24	21	21	21	21	****	23	22	24	25	27	27	26	26	25	21	20	21	20	23
2	22	23	23	21	18	11	13	21	28	35	37	40	43	45	45	43	40	32	34	33	28	34	29	22	30
3	23	33	37	40	38	38	36	31	28	27	25	25	24	22	21	26	20	6	7	24	32	32	31	30	27
4	29	27	27	25	22	21	21	21	21	22	22	24	26	25	24	22	23	23	21	18	16	21	20	19	23
5	21	23	26	26	28	25	24	25	26	28	30	32	37	38	38	33	31	26	23	15	26	28	27	26	28
6	27	27	25	26	28	28	25	25	26	24	25	31	35	37	37	37	37	36	37	37	35	35	34	35	31
7	37	35	35	37	38	38	34	31	35	41	43	45	50	53	56	61	57	62	63	56	48	44	41	35	45
8	37	37	37	36	36	22	29	26	31	34	35	44	72	77	80	77	78	72	56	51	51	61	54	45	49
9	33	27	15	13	10	5	21	31	28	30	54	49	49	47	47	49	51	53	52	44	27	30	37	53	36
10	58	40	29	43	45	27	30	54	60	64	71	89	141	172	76	63	54	56	60	49	46	39	27	18	59
11	17	22	24	17	15	20	23	25	32	49	61	71	80	80	81	81	73	59	58	56	48	52	50	44	47
12	39	41	31	31	34	30	18	15	10	20	26	29	34	31	26	28	28	28	22	25	25	22	20	20	26
13	24	27	25	23	24	26	26	25	25	26	28	32	36	36	38	39	39	38	31	24	24	19	11	10	27
14	6	4	4	2	4	9	20	17	27	36	37	44	47	57	56	53	46	36	38	37	25	20	13	5	27
15	7	15	17	8	12	17	14	16	23	30	38	43	42	42	43	43	44	41	35	26	31	28	30	32	28
16	34	33	33	29	27	23	21	23	24	29	32	31	31	****	29	28	27	26	24	21	18	18	20	21	26
17	23	22	20	22	19	11	11	26	30	33	28	35	39	39	44	50	41	49	51	30	22	10	11	22	29
18	24	23	17	17	15	21	20	20	16	29	39	43	49	55	62	64	63	53	57	40	28	37	45	53	37
19	53	38	26	22	18	14	17	17	22	25	30	34	39	43	45	39	40	30	30	23	17	20	15	17	28
20	18	15	17	17	19	25	27	26	32	35	40	41	42	50	56	57	59	55	60	51	38	20	25	29	36
21	36	43	35	31	20	22	30	40	46	42	32	31	35	31	34	29	23	20	21	19	18	24	25	25	30
22	27	29	31	29	26	20	24	29	30	34	36	37	38	38	40	41	42	41	37	30	27	27	24	27	32
23	31	35	36	33	31	29	27	24	27	35	39	42	45	42	46	49	47	45	46	38	25	19	19	19	35
24	11	11	24	26	22	24	25	25	22	24	27	27	30	30	30	30	28	27	25	23	25	29	30	31	25
25	31	31	30	29	27	26	25	25	22	22	22	23	24	22	20	22	20	21	22	22	22	23	22	20	24
26	22	22	20	19	15	17	16	16	14	16	14	24	35	44	44	41	40	35	16	5	13	10	5	0	21
27	0	3	3	4	0	6	20	26	25	29	27	34	31	34	35	39	35	37	41	37	30	25	29	25	24
28	17	14	9	6	4	5	5	9	23	26	30	32	29	36	29	27	26	29	21	6	0	4	0	0	16
29	0	5	5	3	5	4	7	16	27	34	37	33	31	28	24	22	30	32	25	20	31	26	21	24	20
30	22	13	15	24	24	17	17	28	38	39	41	46	47	50	54	56	57	60	59	49	47	18	23	14	36
31	18	24	18	22	12	2	11	26	49	69	75	78	73	71	77	82	74	65	56	48	34	21	32	40	45
MEAN	25	25	23	23	21	20	21	25	28	33	36	39	44	47	44	44	42	39	37	32	28	26	26	25	31.3

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	43	51	49	52	45	40	42	48	48	54	57	58	54	62	69	65	59	57	55	40	25	17	0	0	45
2	0	6	17	43	49	44	35	24	27	29	35	36	37	45	48	47	49	47	36	36	21	11	16	19	32
3	16	21	20	23	18	23	23	34	44	51	61	65	61	59	59	56	55	59	58	48	48	54	52	41	44
4	39	31	37	39	23	15	26	34	36	46	64	77	63	86	84	79	81	60	58	48	42	23	51	55	50
5	52	43	38	36	27	22	13	32	33	34	38	37	35	34	34	29	29	29	27	21	23	20	17	18	30
6	17	21	20	20	18	17	20	22	25	27	34	34	28	37	34	41	34	30	24	16	6	5	8	5	23
7	11	21	26	26	24	23	24	27	31	41	55	65	75	87	98	94	88	99	86	72	65	58	65	55	55
8	47	39	39	33	34	27	33	19	13	21	29	36	39	****	55	49	45	47	41	32	26	26	21	9	33
9	18	24	14	16	28	40	38	38	38	42	44	55	60	57	65	68	64	74	65	45	39	39	43	38	44
10	35	32	25	25	26	36	30	26	17	20	26	42	57	59	56	50	49	46	43	45	35	29	21	22	36
11	23	22	22	22	21	19	19	18	20	20	20	20	18	18	17	19	19	21	21	18	13	9	11	8	18
12	8	9	9	9	9	6	9	16	19	22	21	22	21	24	25	25	27	27	26	23	17	11	14	17	17
13	15	18	20	21	20	18	20	23	****	29	29	29	30	31	32	33	32	32	32	25	7	8	4	7	22
14	13	12	14	1	2	4	31	27	18	28	43	43	****	****	66	64	58	60	56	42	32	38	39	20	32
15	15	11	21	26	36	22	31	27	43	56	62	64	73	73	76	81	86	90	89	85	73	65	57	56	55
16	56	52	47	45	37	31	31	49	55	62	69	77	84	84	83	85	86	81	76	62	59	60	52	38	61
17	35	17	30	27	14	26	41	45	62	75	83	84	88	88	87	85	85	77	75	62	59	60	50	36	58
18	24	20	19	21	21	21	21	26	30	32	35	35	33	29	29	29	30	31	32	22	12	9	12	16	25
19	13	21	23	24	24	22	21	27	35	35	37	37	44	45	45	43	41	42	40	31	29	23	31	26	32
20	28	32	32	33	31	29	31	33	37	42	48	57	72	58	****	55	65	60	52	52	50	51	49	49	45
21	54	51	46	48	47	46	43	36	31	32	35	32	31	41	50	45	46	45	48	46	39	30	30	39	41
22	28	37	32	32	28	28	26	13	23	20	22	34	25	14	13	13	12	13	12	10	13	17	15	15	21
23	15	15	13	13	12	11	10	9	9	9	10	10	10	11	12	11	12	12	11	10	8	8	8	7	11
24	7	14	16	16	17	17	17	17	17	19	22	23	25	26	27	27	26	25	23	22	17	15	15	15	19
25	12	15	15	16	14	10	13	19	24	28	30	31	35	38	35	42	46	58	31	20	12	1	4	1	23
26	7	8	6	6	4	1	9	25	33	31	41	43	45	46	70	59	58	55	52	50	42	47	43	32	34
27	29	20	16	26	35	41	31	19	15	23	43	61	62	51	60	48	45	41	37	37	36	45	49	37	38
28	32	25	20	24	18	17	2	11	22	34	39	28	40	45	56	54	62	60	57	48	35	35	43	34	35
29	30	37	30	34	32	32	25	20	27	40	53	71	71	64	56	42	35	41	40	44	40	36	32	36	40
30	37	32	28	34	32	30	29	32	29	32	39	45	42	42	44	49	51	54	51	48	45	37	42	41	39
MEAN	25	25	25	26	25	24	25	27	30	34	41	45	47	48	51	50	49	49	45	39	32	30	30	26	35 3

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	43	42	38	40	40	41	37	36	34	30	30	32	36	41	42	46	47	44	42	36	35	23	16	7	36
2	9	10	7	9	8	11	34	36	29	17	12	12	14	14	15	17	21	20	19	19	19	17	17	14	17
3	21	20	22	22	20	16	16	17	21	22	****	27	25	23	22	22	26	27	25	23	19	19	13	13	21
4	12	15	16	15	14	9	11	18	21	23	26	26	27	26	25	23	26	27	25	27	24	24	24	23	21
5	21	24	21	21	21	21	20	21	21	21	21	22	23	25	26	26	26	26	26	26	15	13	17	17	22
6	17	17	22	20	19	17	17	19	23	28	29	29	29	28	29	32	33	32	26	21	13	15	16	14	23
7	15	17	19	20	20	17	15	23	29	37	39	43	46	45	47	51	50	56	53	39	35	22	27	19	33
8	16	18	18	18	30	25	28	33	43	49	50	54	68	69	73	84	84	85	78	51	51	7	13	39	45
9	24	22	17	17	23	18	34	58	61	66	69	75	79	89	92	85	83	79	64	77	61	58	49	29	55
10	40	28	17	18	34	25	35	34	34	32	33	31	29	28	48	60	65	55	40	34	29	20	3	5	32
11	3	7	21	14	10	24	26	34	40	47	53	58	66	68	74	138	92	118	72	42	21	7	4	0	43
12	10	29	24	35	35	28	34	44	45	53	51	53	55	55	55	56	51	52	48	39	21	10	22	32	39
13	33	47	46	42	36	37	32	39	46	53	60	74	81	90	85	90	88	70	50	44	31	15	11	17	51
14	18	22	30	35	44	51	60	58	59	59	60	67	78	101	99	97	101	97	93	86	69	73	66	53	66
15	48	31	25	12	18	22	19	26	40	58	62	75	72	58	60	65	43	40	31	35	20	24	20	25	39
16	28	35	32	34	34	31	31	32	36	42	49	47	47	37	35	32	30	29	27	20	16	15	17	18	31
17	16	15	17	17	17	17	15	17	18	21	25	27	28	28	****	29	27	26	24	22	22	20	18	16	21
18	15	15	15	14	13	9	10	15	21	26	32	34	34	40	40	37	39	38	32	28	14	15	15	19	24
19	22	21	19	16	16	10	9	14	26	30	41	48	53	55	55	57	62	61	61	52	32	13	10	20	33
20	28	31	28	35	27	25	28	53	59	69	74	82	96	88	106	93	72	64	58	51	39	30	23	32	54
21	35	32	38	28	28	21	22	39	50	71	82	83	90	93	96	99	104	135	113	85	71	46	48	56	65
22	38	37	48	68	72	63	58	58	61	72	76	75	70	65	69	75	76	74	78	66	59	52	51	62	63
23	73	78	75	63	61	50	51	63	68	73	89	101	99	101	104	95	89	88	90	80	66	60	55	50	76
24	44	38	40	38	18	26	27	22	24	44	****	59	75	91	96	89	74	65	48	42	56	51	****	0	49
25	38	27	27	22	12	19	11	6	8	7	17	27	41	53	49	52	53	49	32	31	9	10	15	15	26
26	14	16	13	12	10	9	11	14	25	****	9	9	9	11	11	13	15	17	19	20	21	17	17	19	14
27	18	19	19	18	16	13	12	14	18	25	27	29	36	39	55	63	73	81	75	38	32	31	14	19	33
28	11	10	32	28	26	17	13	12	15	20	19	22	36	44	38	36	39	38	35	30	23	24	18	15	25
29	17	18	18	16	19	20	20	21	21	24	32	37	36	38	38	38	39	37	31	34	24	8	2	13	25
30	13	13	14	16	19	14	15	20	28	31	33	44	58	57	53	54	58	52	57	58	56	47	39	29	37
31	26	29	31	25	16	12	12	8	19	21	23	31	41	45	51	49	38	30	30	32	32	32	31	34	29
MEAN	25	25	26	25	25	23	25	29	34	39	42	46	51	53	56	58	56	55	48	42	33	26	23	23	37.1

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	31	32	33	30	25	19	22	28	34	37	38	38	40	46	48	45	40	37	34	29	26	22	22	33
2	22	25	27	28	26	30	31	31	23	22	26	29	32	32	32	32	35	35	32	26	19	14	15	15	27
3	16	15	12	8	7	0	8	19	26	34	46	59	77	70	76	81	80	69	50	31	19	4	4	8	34
4	16	21	10	9	8	4	9	26	46	55	63	64	64	89	69	52	51	61	73	66	48	38	22	22	41
5	32	51	48	40	40	31	25	35	43	43	43	46	46	46	46	47	48	48	47	40	25	25	31	33	40
6	32	32	32	28	19	15	15	14	15	18	18	21	22	24	26	25	27	28	28	21	10	8	12	18	21
7	20	19	16	11	10	10	10	10	6	8	9	13	13	15	28	36	25	36	55	43	38	34	29	27	22
8	27	22	19	16	10	8	4	6	15	25	29	31	33	33	34	32	28	27	25	23	19	20	22	16	22
9	15	16	16	16	17	11	14	18	21	22	24	28	34	****	36	35	28	24	23	20	19	12	13	16	21
10	17	17	16	22	23	22	21	15	13	13	23	34	37	35	34	35	35	35	32	29	27	27	27	24	26
11	21	21	19	17	16	13	11	13	14	18	20	21	25	27	28	29	31	31	26	20	16	13	15	16	20
12	15	15	15	14	14	15	15	17	19	21	24	27	31	31	34	34	35	33	30	24	18	15	5	4	21
13	7	4	6	8	6	3	8	17	20	15	26	32	37	43	43	42	45	46	47	46	43	41	39	36	28
14	32	29	30	30	22	14	12	15	17	18	14	14	14	14	14	14	15	17	17	16	14	14	14	13	18
15	14	13	13	13	13	13	13	15	17	16	15	15	14	14	15	16	16	17	17	14	14	13	12	10	14
16	7	7	9	11	10	6	5	13	****	26	26	27	32	34	34	33	31	29	25	13	9	7	13	15	18
17	12	10	10	11	9	3	3	16	22	23	39	39	43	46	48	49	37	22	12	11	2	2	13	21	21
18	18	18	18	19	29	29	31	30	27	20	20	23	23	23	21	21	22	22	21	18	11	9	4	3	20
19	14	22	25	27	31	32	28	32	32	31	32	34	37	37	37	38	38	39	32	19	10	17	18	18	28
20	20	19	18	16	15	17	15	18	22	27	32	31	35	40	39	39	38	29	22	21	6	6	6	4	22
21	3	7	10	10	14	7	5	14	22	****	32	34	38	46	83	96	78	51	34	24	21	22	19	14	30
22	13	10	13	15	16	18	19	20	22	30	35	37	40	39	40	45	40	39	30	13	14	20	20	17	25
23	21	21	20	19	19	19	20	20	20	21	24	25	23	23	26	31	30	33	36	35	22	15	26	25	24
24	24	21	16	13	12	9	5	5	8	20	27	32	37	36	44	40	41	43	39	28	24	17	21	21	24
25	11	31	34	30	28	25	21	21	24	26	27	27	32	33	36	40	42	38	31	29	26	29	26	23	29
26	21	18	19	19	17	13	13	16	21	28	35	37	40	42	39	41	39	32	28	22	20	25	25	22	26
27	25	38	38	35	30	24	15	13	21	31	43	47	51	50	54	69	65	56	45	36	28	28	24	16	37
28	20	8	8	4	8	7	9	12	16	23	26	33	42	48	52	52	50	46	34	28	26	23	27	33	26
29	35	34	32	39	41	34	28	22	20	23	32	30	26	25	27	29	33	41	43	39	28	16	10	11	29
30	9	7	7	10	12	14	7	14	14	26	38	44	37	34	35	37	37	35	31	27	27	23	19	19	23
31	19	20	20	18	16	12	12	17	20	22	28	31	33	35	36	37	34	30	26	16	17	15	14	19	23
MEAN	19	20	20	19	18	16	15	18	21	25	29	32	35	37	39	40	39	37	33	27	21	19	18	18	25.6

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	17	17	16	9	4	8	11	20	23	38	58	72	74	87	97	93	79	64	56	49	49	50	48	44
2	42	44	42	37	27	21	25	27	27	25	28	32	32	29	29	34	35	36	31	34	32	36	31	18	31
3	14	18	29	29	29	25	22	24	25	25	27	26	26	26	25	22	20	17	16	12	13	14	16	19	22
4	18	15	16	15	14	11	6	13	15	18	23	29	32	36	37	38	39	37	31	24	16	23	13	15	22
5	14	20	16	22	23	13	13	22	22	31	44	47	52	52	56	56	56	52	34	48	37	54	54	42	37
6	33	26	20	18	14	11	5	3	3	10	33	47	62	****	****	49	43	44	43	40	35	30	27	26	28
7	21	17	17	16	15	14	14	17	17	18	18	18	17	17	14	14	14	11	8	12	13	15	14	14	15
8	14	17	17	18	18	16	12	14	16	18	20	21	23	23	23	24	26	27	18	11	12	10	14	15	18
9	14	12	11	13	13	12	12	18	27	28	28	31	32	35	36	39	38	34	28	19	16	14	6	5	22
10	2	2	2	1	3	5	6	7	18	24	33	32	24	27	21	19	22	21	18	16	16	12	16	16	15
11	18	19	17	15	14	15	14	15	18	18	20	22	25	25	26	26	26	25	17	19	7	4	12	15	18
12	23	24	22	19	15	13	12	12	16	22	30	36	35	34	35	35	34	29	18	16	24	26	27	27	24
13	23	23	22	21	18	15	14	17	27	42	47	52	58	60	61	62	62	61	48	42	42	40	33	30	38
14	33	36	37	38	38	32	21	21	22	17	15	16	20	****	20	19	20	20	19	15	13	10	9	9	22
15	9	8	10	9	9	9	9	13	18	24	22	23	25	25	25	25	24	20	13	9	10	11	7	3	15
16	3	13	14	21	21	21	21	22	25	28	28	32	38	40	41	43	40	36	26	5	5	10	16	17	24
17	17	17	17	14	21	8	5	10	16	30	43	53	58	61	62	54	52	47	48	44	44	39	40	41	35
18	39	38	31	24	29	27	10	17	20	36	46	55	61	65	57	52	47	45	38	25	20	15	11	11	34
19	15	15	17	20	22	21	19	20	20	22	22	24	25	25	25	24	24	23	15	12	13	11	8	5	19
20	8	5	4	3	3	0	5	12	11	11	21	25	29	30	****	39	36	32	29	20	18	28	28	25	18
21	13	13	12	10	6	6	6	6	4	11	18	25	26	26	22	20	22	20	13	12	12	12	12	12	14
22	11	11	11	13	15	15	12	12	12	13	17	20	23	25	25	25	25	22	17	16	15	14	19	20	17
23	17	16	15	15	15	16	16	17	20	23	24	25	28	28	28	29	27	23	14	7	3	3	5	7	18
24	11	15	16	18	19	15	12	18	19	22	24	27	30	35	36	41	43	39	35	24	14	9	17	16	23
25	13	14	7	5	3	1	1	4	5	9	26	35	45	46	39	41	43	37	33	36	29	24	17	20	22
26	27	31	31	31	28	21	11	13	24	28	31	34	33	32	33	33	32	27	13	13	10	6	10	13	24
27	16	17	19	19	14	5	1	14	21	20	19	36	57	60	62	52	48	46	29	13	12	26	27	24	27
28	35	31	24	20	16	16	11	11	8	3	4	5	9	11	12	16	16	24	24	24	24	23	22	27	17
29	23	18	21	23	16	16	14	20	23	27	28	31	39	48	51	51	51	47	39	34	34	34	35	31	31
30	29	28	26	24	24	27	27	25	30	35	39	50	58	47	56	60	53	39	37	32	38	36	34	31	37
MEAN	19	19	19	18	17	14	12	15	18	22	27	32	36	37	37	38	37	34	27	23	21	21	21	20	24.4

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	29	28	28	27	23	20	21	21	23	28	32	36	36	38	39	35	35	23	8	5	5	12	12	25
2	15	16	17	22	20	13	20	12	20	20	26	37	33	32	33	29	29	30	31	33	36	31	27	25	25
3	25	25	25	24	23	18	15	13	19	24	20	23	13	****	7	18	13	18	18	25	26	20	13	8	19
4	19	25	27	25	22	9	5	6	7	4	8	12	19	19	18	15	16	18	18	13	8	15	16	11	15
5	5	5	8	8	6	9	11	12	11	13	16	20	21	24	25	26	14	11	17	17	16	15	15	15	14
6	16	19	21	22	22	15	8	7	9	12	16	18	16	15	24	23	16	24	23	19	18	21	19	17	18
7	10	7	9	12	17	22	19	18	16	16	16	16	15	13	14	15	16	17	18	16	14	14	16	17	15
8	18	17	16	17	18	19	17	18	20	22	22	23	24	24	23	23	19	13	15	13	4	10	12	13	18
9	15	19	19	19	18	17	17	18	19	18	22	22	23	23	22	21	21	17	13	17	14	12	13	11	18
10	12	16	8	5	15	16	14	16	18	21	23	23	23	26	28	28	25	21	23	15	10	12	16	16	18
11	13	15	8	7	4	0	0	2	9	16	17	13	21	23	26	23	18	16	16	15	16	14	6	11	13
12	17	18	19	19	19	19	17	12	4	3	8	15	17	20	18	18	10	4	0	0	18	19	19	17	14
13	17	17	14	12	12	9	9	8	8	9	10	13	15	17	17	17	15	16	16	16	14	19	19	17	14
14	18	16	16	18	17	16	15	17	21	25	24	24	24	24	24	24	24	21	22	15	15	9	7	4	18
15	9	10	10	10	10	11	10	8	8	10	9	5	16	25	****	22	18	20	18	14	13	15	15	17	13
16	17	18	17	18	18	14	15	17	18	20	23	26	27	28	29	29	25	21	14	10	15	20	20	20	20
17	18	19	19	20	19	17	15	10	9	5	4	4	3	2	1	0	0	0	0	0	0	0	10	20	8
18	21	17	16	17	13	10	6	6	9	****	12	14	14	17	21	22	19	12	3	2	4	2	11	15	12
19	16	15	17	16	16	16	13	12	11	12	14	15	22	30	31	29	28	30	19	4	20	15	31	29	19
20	25	23	18	7	8	8	12	11	10	14	24	27	28	27	30	32	28	27	31	40	32	19	17	19	22
21	20	17	14	16	16	16	16	17	17	21	27	29	29	32	32	35	36	31	25	26	13	4	7	11	21
22	4	6	5	0	1	3	2	2	2	3	11	19	27	28	32	37	36	29	27	32	27	21	18	21	16
23	24	21	25	26	21	17	20	16	8	3	6	8	9	8	7	7	5	5	6	6	4	5	4	3	11
24	3	5	5	10	10	10	9	9	11	11	11	10	****	7	10	11	13	13	16	18	19	20	19	17	12
25	19	19	20	20	20	19	17	15	17	19	20	21	22	23	23	21	19	18	18	17	24	24	22	22	20
26	23	22	22	22	21	18	16	19	20	22	20	22	21	21	21	19	19	18	17	17	18	19	20	22	20
27	21	19	17	17	19	19	18	20	21	18	16	18	20	22	23	23	22	21	21	20	21	18	18	19	20
28	17	18	18	18	17	18	18	16	9	7	5	8	8	12	12	13	13	12	10	11	13	16	15	15	13
29	16	16	16	15	13	15	13	10	11	13	15	16	19	19	19	18	17	13	9	12	14	15	13	13	15
30	15	17	17	18	18	17	21	21	23	22	22	22	22	23	23	23	22	16	14	16	18	17	14	13	19
31	13	10	11	13	13	15	14	12	10	12	16	20	24	27	26	28	28	26	22	22	22	21	16	17	16
MEAN	17	17	16	16	16	14	14	13	13	15	16	19	20	22	22	22	20	18	17	16	16	15	15	16	16.8

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	15	16	16	16	15	13	12	12	16	21	24	27	27	27	21	16	5	2	2	0	7	16	15	15
2	15	15	15	12	10	6	3	3	3	9	13	17	19	19	19	18	17	12	4	1	0	4	9	11	11
3	11	6	4	3	3	3	2	3	6	10	15	20	20	22	22	22	20	15	17	13	5	7	6	4	11
4	3	8	13	13	14	14	15	15	15	17	17	17	17	18	19	17	16	10	8	11	4	0	0	0	12
5	0	0	0	0	0	0	0	2	3	5	9	13	14	16	16	14	13	10	3	0	0	0	4	2	5
6	2	7	7	6	8	10	9	3	3	4	5	3	3	3	2	1	0	0	0	0	0	0	0	0	3
7	0	10	9	9	9	10	10	11	12	14	15	17	17	19	****	****	13	15	19	16	17	18	14	14	13
8	13	10	5	0	0	7	11	7	5	7	6	5	5	5	6	6	5	7	14	17	13	12	13	12	8
9	12	12	8	4	0	0	0	0	7	14	15	14	13	9	9	9	10	9	7	9	8	6	6	6	8
10	5	3	5	3	8	8	10	11	14	17	21	22	22	21	20	19	17	13	14	16	13	15	16	16	14
11	16	18	17	17	18	17	17	13	16	19	17	16	12	13	15	18	19	19	16	6	8	4	5	5	14
12	10	15	18	****	****	18	19	18	20	21	23	26	30	29	29	28	18	9	4	0	0	0	3	4	16
13	12	13	12	16	16	14	12	10	10	12	14	15	15	19	20	21	15	3	4	10	16	17	16	12	14
14	10	12	15	15	14	15	11	8	6	11	16	18	20	22	21	19	13	5	6	12	11	12	12	12	13
15	8	7	7	4	0	0	0	0	0	1	2	2	3	3	2	0	0	0	0	0	3	9	13	16	3
16	17	18	18	20	22	21	16	9	14	20	22	22	22	23	22	22	18	4	3	4	3	3	3	6	15
17	7	6	6	6	7	8	8	8	7	8	8	10	12	12	10	9	3	1	1	1	6	4	0	0	6
18	0	3	4	6	7	15	16	16	18	19	25	26	27	27	26	24	18	10	8	11	10	10	10	11	14
19	12	12	11	11	11	10	10	9	8	7	6	6	6	9	11	11	6	1	0	0	0	2	3	3	7
20	5	7	9	7	5	5	3	2	0	0	7	****	****	23	23	19	15	13	11	12	14	16	17	17	10
21	18	18	17	18	20	21	14	13	11	14	16	15	15	15	13	13	13	15	15	14	13	11	11	10	15
22	10	9	7	2	2	2	2	0	0	0	0	1	3	3	7	3	0	0	0	3	4	5	4	2	3
23	3	5	8	10	11	12	15	17	12	8	13	16	15	14	15	6	3	5	5	2	2	1	1	1	8
24	3	2	2	8	12	14	15	12	18	20	15	14	18	18	19	20	17	7	4	0	0	0	0	0	10
25	0	0	0	0	0	0	0	2	6	8	9	11	11	12	13	13	12	12	13	15	13	12	9	8	7
26	8	8	9	9	8	11	13	13	12	13	17	18	17	20	20	21	22	22	22	22	21	21	21	21	16
27	24	21	20	19	18	18	19	17	13	10	13	15	17	16	18	18	15	4	0	0	0	1	4	7	13
28	10	10	10	9	9	8	7	8	11	14	17	18	18	17	16	17	17	13	10	13	13	14	13	13	13
29	13	11	9	8	8	8	7	7	5	7	8	****	14	14	15	16	13	13	12	13	13	13	13	12	11
30	11	10	8	10	17	20	18	16	16	16	17	19	20	22	20	19	19	18	15	11	9	6	4	7	15
MEAN	9	10	10	9	9	10	10	9	9	11	13	15	16	16	16	15	13	9	8	8	7	8	8	8	10.7

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	****	****	****	****	****	****	****	****	****	****	11	12	11	11	10	7	7	9	11	12	12	13	14	******
2	13	13	13	14	17	17	13	12	13	14	16	17	16	16	16	17	15	11	5	9	13	12	12	7	13
3	0	1	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	13	14	12	11	******
4	9	8	6	6	6	4	2	1	2	5	11	15	17	****	****	****	****	****	****	****	****	13	5	0	7
5	0	0	0	0	0	7	4	4	4	6	8	9	12	19	****	****	****	****	****	****	****	****	****	****	******
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12	****	****	****	****	****	****	****	****	****	****	****	****	13	13	14	15	14	14	15	16	16	17	17	16	******
13	17	17	19	19	20	22	20	19	17	17	17	18	17	16	16	16	17	14	13	14	14	6	3	15	16
14	16	16	17	16	16	14	13	1	1	6	14	13	15	15	15	15	12	10	8	8	6	10	13	14	12
15	15	11	6	4	0	0	0	0	0	2	6	6	9	10	11	11	6	1	0	0	0	0	0	0	4
16	0	0	0	0	0	0	0	0	1	1	3	3	2	2	8	14	12	12	14	14	14	15	15	17	6
17	20	20	20	19	18	18	13	9	8	14	17	12	14	21	22	21	20	17	16	18	17	17	18	19	17
18	21	21	21	21	21	21	19	17	16	17	19	21	21	21	20	19	16	12	18	20	19	19	18	18	19
19	19	18	17	17	16	16	16	16	16	17	18	19	18	18	18	17	14	13	13	13	13	13	14	13	16
20	14	14	14	13	13	13	12	6	8	7	10	12	12	****	12	12	10	11	11	11	10	10	8	4	11
21	3	3	6	8	8	7	7	8	10	10	11	12	14	14	16	15	12	6	5	5	7	5	3	2	8
22	2	2	2	2	4	7	8	9	7	9	12	9	4	3	3	3	3	2	2	2	1	1	1	2	4
23	2	2	0	0	0	0	1	1	2	3	3	2	2	2	2	0	0	0	0	0	1	2	2	2	1
24	3	0	1	2	3	4	7	7	8	8	8	7	8	8	6	4	4	5	4	4	4	3	3	2	5
25	1	1	1	2	4	5	5	6	9	10	11	11	11	11	11	12	12	13	14	15	15	16	18	19	10
26	19	17	18	19	20	20	20	20	20	20	19	19	18	18	17	16	15	14	14	15	15	16	16	16	18
27	16	16	16	16	16	17	17	18	17	16	17	19	****	22	21	21	18	17	16	16	16	16	17	18	17
28	21	21	21	21	20	20	19	19	19	18	16	18	18	18	18	17	18	15	15	15	12	9	10	3	17
29	9	10	13	16	17	17	15	14	12	15	16	16	16	16	16	16	15	13	15	16	17	17	17	16	15
30	15	15	15	16	16	16	16	17	16	15	16	18	18	18	18	18	14	11	11	12	13	13	15	15	15
31	16	17	17	11	7	5	4	2	3	8	10	14	14	15	16	16	9	3	0	0	0	0	0	3	8
MEAN	11	11	11	11	11	11	10	9	9	10	12	13	13	14	14	14	12	10	10	11	11	11	10	10	11.1

PERCENTAGE OF DATA VALID - 73.8 PERCENTAGE OF DATA INVALID - 26.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	15.8	25	27
FEB	16	26.1	31	53
MAR	29	24.3	44	73
APR	26	30.2	49	79
MAY	31	31.3	59	172
JUN	30	35.3	61	99
JUL	31	37.1	76	138
AUG	31	25.6	41	96
SEP	30	24.4	44	97
OCT	31	16.8	25	40
NOV	30	10.7	16	30
DEC	21	11.1	19	22
YEAR	337	24.2	76	172

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - C NO 48002 TRAILER/MTC YARD #9 HWY 47, STOUFFVILLE

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	191	549	0	0	0	0	0	0	740
FEB	30	260	114	2	0	0	0	0	406
MAR	81	452	152	20	0	0	0	0	705
APR	12	324	267	27	0	0	0	0	630
MAY	45	383	234	74	4	0	1	1	742
JUN	52	272	244	120	27	0	0	0	715
JUL	38	334	179	138	39	9	2	0	739
AUG	81	414	215	27	4	0	0	0	741
SEP	83	439	147	44	3	0	0	0	716
OCT	143	566	31	0	0	0	0	0	740
NOV	341	372	0	0	0	0	0	0	713
DEC	217	332	0	0	0	0	0	0	549
YEAR	1314	4697	1583	452	77	9	3	1	8136

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
92.9	0	6.5	15.2	21.0	28.0	42.8	55.0	71.4	81.2	172	24.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	3	6	6	4	4	5	4	3	2	1	1	1	0	0	1	3	5	2
2	8	11	14	14	14	14	14	12	9	12	11	9	6	7	8	9	9	8	9	11	12	13	11	11	11
3	15	15	16	15	15	16	12	8	6	10	14	15	19	19	19	14	1	0	2	4	6	8	8	5	11
4	7	7	8	10	10	7	4	2	2	6	8	11	16	16	16	10	4	2	9	12	13	11	12	11	9
5	15	15	17	14	14	14	12	3	2	4	10	16	19	18	14	10	3	1	2	2	2	3	1	1	9
6	2	3	4	3	4	0	1	0	1	2	3	4	5	6	5	3	1	0	0	0	0	0	1	0	2
7	1	3	5	6	7	6	7	6	5	7	5	6	6	6	8	11	12	10	11	12	12	10	9	9	8
8	10	11	12	12	12	12	11	8	6	8	11	14	17	17	19	12	8	2	7	7	8	4	2	1	10
9	0	0	0	0	10	15	14	9	6	6	7	9	11	10	9	7	4	4	6	7	7	6	6	6	7
10	6	6	7	7	7	6	6	4	2	14	17	18	16	16	17	15	11	3	5	7	13	19	17	13	11
11	15	16	15	14	14	12	11	2	4	7	10	9	11	12	13	13	9	1	1	1	1	1	1	1	8
12	0	0	0	1	3	1	1	2	4	4	8	10	11	11	9	****	2	0	0	0	1	3	4	4	3
13	4	4	5	5	6	9	11	10	11	12	12	12	13	14	17	17	15	11	11	12	13	15	15	15	11
14	15	15	15	16	17	19	17	16	11	9	7	4	3	8	13	18	19	20	20	21	21	18	17	17	15
15	16	18	19	19	19	16	14	9	5	7	15	19	20	21	18	13	9	5	7	4	0	0	3	5	12
16	7	8	7	7	7	6	4	2	4	9	12	14	19	****	19	****	****	2	2	2	2	2	2	2	7
17	0	1	1	2	2	5	6	4	6	9	9	11	13	12	14	14	13	12	14	10	9	6	10	14	8
18	12	15	19	19	20	19	15	7	9	16	22	21	21	20	20	18	12	9	10	16	16	13	17	12	16
19	15	18	16	18	16	17	13	8	10	12	10	15	17	14	13	5	0	0	0	0	0	0	0	0	9
20	0	0	0	0	3	8	8	8	10	12	15	15	16	16	14	16	13	14	16	14	13	15	15	13	11
21	11	11	12	13	15	17	16	12	12	14	18	18	18	18	18	18	15	12	12	15	17	16	9	16	15
22	17	16	17	22	24	23	15	6	9	17	22	25	24	22	20	17	13	12	13	15	20	17	12	8	17
23	12	13	11	9	12	10	5	2	****	****	6	18	8	6	10	8	4	0	0	2	5	4	6	11	7
24	10	6	0	0	10	14	12	13	13	18	18	17	17	18	17	19	19	22	20	21	22	24	24	26	16
25	28	30	32	28	27	28	25	21	18	20	22	21	20	20	20	18	18	11	17	20	19	19	20	17	22
26	18	17	20	21	22	21	17	14	8	12	17	14	16	17	17	16	14	11	13	11	8	4	5	4	14
27	7	10	11	14	13	14	10	10	7	8	6	9	11	11	12	6	2	3	3	3	3	6	11	13	8
28	15	14	13	13	15	16	15	13	12	10	11	13	13	11	10	9	9	9	12	12	14	15	16	17	13
29	19	19	20	20	20	20	19	17	18	19	18	20	20	****	15	12	12	12	20	18	20	22	20	22	18
30	22	23	24	23	25	22	19	14	16	14	20	20	20	23	18	17	12	13	15	15	20	21	22	22	19
31	25	24	25	26	24	21	22	9	11	14	21	21	21	20	19	18	15	13	16	18	20	17	20	19	19
MEAN	11	11	12	12	13	13	12	8	8	11	13	14	15	14	14	13	9	7	9	9	10	10	10	10	11.2

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	22	22	24	25	22	21	19	21	22	23	23	22	22	21	21	18	15	20	21	22	23	23	23	22
2	24	25	25	25	24	23	20	17	20	21	20	20	22	24	20	17	13	16	18	12	10	18	23	21	20
3	16	13	16	18	19	17	17	14	17	19	21	21	22	22	22	23	18	10	5	3	2	1	0	0	14
4	0	0	0	0	3	2	2	4	6	10	17	21	23	21	20	22	15	16	20	17	8	4	0	0	10
5	0	0	5	8	20	22	18	12	15	20	24	25	25	24	23	19	13	13	9	13	19	20	22	22	16
6	26	28	27	25	27	24	20	10	20	25	24	26	27	27	26	22	15	15	10	4	5	5	5	5	19
7	2	2	9	15	19	21	18	7	12	24	19	24	24	27	26	21	11	****	23	****	15	17	19	20	17
8	20	21	23	21	23	15	7	4	5	20	22	23	25	24	26	21	17	11	17	22	23	21	21	21	19
9	24	26	26	27	25	26	22	20	22	25	23	26	28	27	25	20	15	13	8	7	4	3	9	15	19
10	18	21	20	22	23	25	22	19	22	25	26	26	27	28	28	26	23	18	19	25	26	22	25	21	23
11	23	23	24	24	26	23	27	25	27	29	29	30	28	25	23	22	24	16	12	4	2	0	0	0	19
12	0	0	0	0	0	0	0	0	5	5	9	11	13	14	21	17	11	5	3	7	22	20	16	20	8
13	22	27	25	27	24	26	23	19	21	26	28	28	****	26	26	24	19	13	11	6	4	10	24	20	21
14	23	27	27	27	25	23	16	7	11	27	27	29	28	29	28	26	18	12	13	5	5	6	15	19	20
15	20	24	27	23	25	22	16	13	20	26	29	30	30	27	26	21	12	9	18	21	24	22	21	23	22
16	28	29	29	28	29	27	25	20	23	28	29	28	27	28	30	27	22	22	20	24	26	28	26	24	26
17	28	27	26	26	28	27	26	24	26	26	28	29	30	29	29	27	25	19	14	9	6	6	4	0	22
18	0	0	2	3	0	2	2	7	13	17	19	22	23	24	21	20	16	6	0	0	0	0	0	2	8
19	8	5	4	7	5	7	5	3	6	18	23	21	17	****	****	26	12	3	2	1	1	1	1	1	8
20	0	0	0	0	0	0	0	0	3	6	20	28	29	27	29	22	19	6	6	8	9	14	12	9	10
21	3	0	0	4	4	3	3	5	14	15	23	24	35	26	18	12	5	3	3	2	1	1	4	10	9
22	17	26	38	40	25	16	11	6	8	15	27	28	28	29	****	26	26	16	0	0	0	0	0	0	17
23	0	0	3	8	13	5	5	6	5	7	22	21	26	22	23	16	0	0	8	15	14	14	10	5	10
24	9	12	19	14	9	9	11	10	17	19	25	27	35	31	23	22	23	25	24	27	26	27	27	25	21
25	24	24	25	24	25	24	22	21	23	23	25	27	30	29	33	31	24	17	7	17	19	22	21	13	23
26	18	14	23	28	28	28	21	15	19	25	26	28	22	23	27	25	23	23	25	25	27	25	23	21	23
27	21	24	22	24	27	26	19	17	19	22	24	26	26	26	25	22	10	5	8	10	8	7	12	8	18
28	5	11	13	15	20	17	11	2	2	4	17	29	35	31	35	33	28	11	3	4	3	0	0	1	14
MEAN	14	15	17	18	19	17	15	12	15	20	23	25	26	26	25	23	17	13	12	11	12	12	13	12	17.1

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCOONALO GDN RIOEAU/WURTEMBURG ST.OTTAWA MONTH - APR 79

HOUR / OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	37	36	37	35	35	35	32	32	33	34	35	36	34	31	34	30	34	30	21	24	22	26	28	26	32
2	27	25	22	22	24	22	17	11	9	10	8	8	17	17	17	13	9	11	10	9	7	0	0	3	13
3	16	20	18	16	12	21	22	10	8	15	19	19	27	31	32	29	28	21	10	5	0	0	0	0	16
4	0	1	0	4	12	7	9	14	19	23	25	****	****	24	25	23	25	22	26	20	28	28	28	29	18
5	28	32	35	32	30	29	12	4	4	6	7	14	28	31	34	28	23	20	18	15	18	20	13	11	21
6	19	19	27	29	41	38	30	23	27	25	29	28	25	23	28	31	30	33	43	25	19	21	24	17	27
7	37	38	33	31	32	30	29	29	26	28	29	29	33	32	32	32	31	32	28	27	22	27	31	29	30
8	30	28	28	29	30	30	30	31	31	30	31	33	34	33	35	32	29	30	24	18	5	3	0	0	25
9	0	2	4	12	24	26	27	21	26	29	30	33	37	33	31	32	35	36	30	32	31	31	31	31	26
10	32	36	37	34	32	32	28	29	31	34	36	38	38	37	37	38	38	38	34	38	34	32	34	29	34
11	32	33	30	26	23	21	15	25	33	37	39	40	41	39	37	36	30	27	16	6	4	9	10	7	26
12	25	35	36	38	36	33	30	32	38	41	43	41	46	43	43	40	35	25	16	9	14	16	14	17	31
13	20	17	18	12	23	26	27	27	30	33	37	40	41	42	40	45	43	40	34	31	27	19	28	22	30
14	27	30	28	30	24	29	26	23	25	21	12	12	14	13	14	23	22	15	15	13	12	20	12	25	20
15	7	3	2	2	4	3	21	19	28	31	39	41	37	42	35	27	22	22	14	13	10	11	9	13	19
16	8	13	17	24	27	23	20	23	26	27	28	27	27	28	32	29	24	22	12	20	10	6	5	12	20
17	21	19	20	24	27	24	22	23	30	36	41	45	47	46	47	45	43	40	38	34	33	22	30	32	33
18	34	37	39	39	37	34	36	38	42	44	44	****	41	40	41	40	41	39	38	31	36	34	32	35	38
19	39	41	41	39	37	35	32	36	41	44	45	43	45	45	46	44	42	41	35	25	22	8	16	12	36
20	23	21	26	24	21	22	25	20	31	45	47	45	47	48	49	45	46	40	23	9	2	1	1	1	28
21	0	0	0	0	0	0	3	7	7	16	36	45	49	50	51	52	49	42	29	23	18	9	18	8	21
22	12	8	31	28	45	39	36	46	42	43	46	42	47	48	46	40	42	38	28	16	9	0	0	0	31
23	0	0	6	16	17	13	11	26	36	39	39	40	41	40	41	38	34	32	35	30	32	22	19	14	26
24	20	21	14	21	6	12	16	18	16	27	31	37	40	40	47	41	34	32	25	15	15	15	14	16	24
25	20	22	20	17	7	2	11	12	12	18	24	25	****	30	33	22	9	13	16	16	16	13	6	10	16
26	12	51	49	48	45	41	30	20	28	41	36	42	49	38	46	34	11	27	31	34	28	10	22	24	33
27	26	34	38	40	41	38	25	14	17	18	21	17	15	13	8	10	3	6	9	9	11	12	14	15	19
28	19	21	21	19	21	19	18	19	13	10	14	15	17	21	25	30	26	23	10	1	2	5	11	5	16
29	11	10	13	10	28	35	32	36	37	34	31	35	40	40	39	42	40	37	28	16	23	26	28	29	29
30	29	27	28	25	21	16	18	20	24	30	35	38	43	43	38	39	38	36	34	35	47	52	43	38	33
MEAN	20	23	24	24	25	25	23	23	26	29	31	32	36	35	35	34	31	29	24	20	19	17	17	17	25.7

PERCENTAGE OF DATA VALIO - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GON RIDEAU/WURTEMBURG ST.OTTAWA MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	40	46	39	35	30	18	12	15	22	20	17	16	16	14	****	****	27	26	18	13	14	21	32	29	24
2	33	33	31	27	27	22	17	19	28	35	36	40	40	39	36	35	34	36	34	16	10	15	9	6	27
3	5	13	13	11	15	18	11	10	17	19	22	23	23	21	18	19	20	22	22	24	29	31	30	28	19
4	26	35	37	36	30	26	23	28	31	32	30	30	31	31	29	21	24	21	17	10	7	5	6	16	24
5	38	39	40	41	40	38	36	39	40	35	36	36	37	37	39	35	33	36	25	17	22	3	0	0	31
6	0	2	4	5	10	18	23	34	38	41	44	46	43	46	48	50	49	46	41	18	24	26	20	10	29
7	7	8	13	21	21	22	19	23	28	32	32	33	37	38	42	46	49	51	47	37	32	30	21	21	30
8	25	25	21	15	9	9	9	12	15	22	30	35	52	68	****	58	68	68	61	68	67	60	55	51	39
9	64	65	68	63	62	57	32	21	42	51	54	61	65	65	65	65	47	52	53	49	45	43	46	47	53
10	48	47	47	46	46	39	27	32	35	39	39	42	42	41	36	31	28	27	20	25	22	21	19	6	34
11	15	22	27	29	40	37	28	27	32	34	34	****	34	20	26	34	39	41	38	29	25	24	24	24	30
12	23	22	23	23	23	22	15	16	17	11	21	24	16	32	30	26	27	28	30	21	11	17	4	6	20
13	26	34	31	30	32	32	30	25	31	35	34	27	33	36	38	36	35	24	14	11	8	10	12	18	27
14	20	20	22	24	27	23	18	16	26	32	40	44	46	45	44	44	49	57	43	43	41	40	44	41	35
15	45	45	42	20	23	10	5	8	15	28	36	41	49	48	41	34	29	34	34	29	29	31	29	31	31
16	36	36	37	38	34	30	26	32	38	27	25	28	****	24	25	26	29	27	25	22	11	2	0	D	25
17	0	1	2	5	6	7	6	11	17	26	30	30	35	36	38	39	37	34	29	10	0	0	0	0	17
18	0	1	0	4	13	14	8	7	15	29	38	42	46	46	46	47	48	41	28	7	6	3	0	0	20
19	2	0	13	23	14	9	10	15	21	27	34	34	32	32	31	20	18	19	9	3	2	3	11	12	16
20	13	19	20	21	21	21	17	17	21	26	32	36	38	41	41	40	43	48	42	31	8	20	25	28	28
21	26	19	10	12	13	15	13	12	16	25	26	22	21	18	25	8	45	52	41	34	31	33	32	33	24
22	31	33	31	31	30	26	15	17	30	10	37	40	41	41	40	34	32	35	30	25	22	2	D	D	26
23	0	1	7	7	8	8	8	12	20	31	31	31	****	****	34	21	****	29	29	24	22	7	3	16	17
24	10	14	12	18	24	23	18	19	24	12	****	****	26	27	23	21	19	8	7	5	9	24	24	27	18
25	29	30	31	32	-	****	27	27	27	26	27	22	29	28	27	26	23	23	28	26	26	25	23	25	27
26	26	27	27	27	26	24	23	21	20	20	24	18	19	17	23	18	16	8	9	1	1	8	5	4	17
27	7	26	34	33	33	26	21	21	23	28	31	33	28	30	37	35	42	35	23	14	13	6	9	15	25
28	19	22	22	18	****	13	9	9	18	23	****	27	22	18	28	32	37	33	28	22	21	13	10	13	21
29	14	10	18	15	9	9	6	7	8	****	****	36	48	****	39	28	32	26	23	21	13	17	15	2D	20
30	17	18	21	20	17	11	4	3	8	13	12	9	9	14	32	37	41	41	35	15	1	1	1	1D	16
31	12	12	10	11	10	8	5	8	12	15	13	****	27	30	32	26	32	33	33	21	21	3	0	1	16
MEAN	21	23	24	24	24	21	17	18	24	27	31	32	34	34	35	33	35	34	30	22	19	18	16	17	25.4

PERCENTAGE DF OATA VALID - 97.6 PERCENTAGE OF OATA INVALIO - 2.3 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GON RIDEAU/WURTEMBURG ST.OTTAWA MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	0	1	2	2	6	8	18	26	****	39	37	-	-	29	33	36	32	27	21	24	63	29	15	22
2	25	28	27	25	23	21	20	23	32	48	50	46	46	49	49	44	38	35	37	17	33	31	31	28	34
3	32	32	33	27	26	21	28	25	37	47	52	51	47	48	47	45	48	50	49	49	44	39	43	54	41
4	50	43	44	42	29	19	8	5	18	60	45	50	64	69	65	58	58	63	68	61	39	49	55	66	47
5	68	70	67	65	59	47	23	10	16	36	38	-	20	23	26	25	25	23	20	16	7	0	0	0	30
6	1	6	7	5	6	10	8	10	15	****	****	26	31	34	42	40	34	31	26	15	7	5	1	8	17
7	5	10	15	19	17	12	9	9	19	25	32	42	53	58	56	59	66	61	50	39	28	14	9	18	30
8	29	49	70	72	71	57	28	25	26	23	21	26	29	27	28	31	29	35	39	22	16	28	30	33	35
9	31	30	32	34	32	27	22	20	21	24	29	36	34	32	33	37	33	26	20	18	16	19	19	15	27
10	14	15	14	13	15	17	19	23	30	35	48	54	51	51	51	50	53	54	52	46	45	43	43	43	37
11	47	42	36	35	34	27	14	7	11	****	****	****	18	15	12	10	13	-	-	21	21	18	19	21	22
12	21	20	22	21	20	18	14	14	17	18	18	18	20	21	18	20	13	11	****	9	6	4	5	9	16
13	13	14	16	16	16	13	10	15	21	24	26	26	25	30	33	34	34	36	32	22	7	1	1	1	19
14	1	1	3	6	****	3	2	3	15	17	26	31	35	38	40	37	44	48	51	47	53	46	44	54	28
15	51	49	54	48	55	49	28	27	40	59	****	****	70	71	71	68	79	96	91	87	78	76	72	69	63
16	74	76	74	71	70	66	61	63	69	75	80	80	80	42	33	50	56	54	50	23	5	1	1	1	52
17	1	1	1	1	1	3	18	31	45	56	68	76	78	83	86	88	88	83	78	69	71	72	60	43	50
18	20	24	27	28	29	27	26	29	34	34	****	31	31	28	30	25	25	26	25	25	22	17	9	14	25
19	20	22	24	26	28	25	18	22	32	****	****	34	32	34	34	34	32	34	30	21	4	1	0	0	23
20	0	0	2	6	5	6	4	4	21	30	40	38	43	44	41	37	41	40	37	21	3	2	2	1	20
21	1	15	35	31	20	11	8	20	46	63	66	67	68	69	64	59	59	54	56	38	36	39	35	35	41
22	36	42	45	43	24	12	6	9	16	****	****	47	26	30	24	15	-	16	19	8	3	0	10	24	22
23	14	9	9	9	8	7	5	3	4	4	5	7	7	7	7	7	6	6	5	4	4	4	5	6	6
24	6	8	****	17	21	19	16	****	18	19	20	21	23	24	25	26	26	22	21	17	6	0	0	1	16
25	1	6	6	9	11	10	10	13	18	23	22	22	24	24	24	25	-	25	21	16	3	0	0	0	14
26	0	3	0	0	0	1	1	3	15	26	29	30	30	30	25	25	25	31	32	31	26	27	27	30	19
27	37	39	37	34	33	27	17	12	21	3	****	39	46	52	57	55	61	68	65	57	49	24	9	21	38
28	28	25	27	27	25	22	21	19	26	33	47	51	51	44	42	40	35	38	29	24	10	7	9	5	29
29	14	19	18	20	16	3	2	9	24	34	44	47	46	45	45	45	44	42	28	14	3	2	0	-	25
30	8	11	19	29	28	23	24	22	18	16	13	19	25	27	32	-	36	29	29	26	21	20	18	15	22
MEAN	22	24	26	26	25	20	16	17	25	33	37	39	40	40	39	39	41	40	39	29	23	22	20	22	29.1

PERCENTAGE OF DATA VALID - 96.3 PERCENTAGE OF DATA INVALID - 2.5 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GON RIDEAU/WURTEMBURG ST.OTTAWA MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	11	13	15	16	17	17	18	18	18	20	21	30	26	24	27	26	29	32	13	3	14	1	3	18
2	9	16	14	12	16	18	20	26	29	34	32	30	25	15	13	11	15	11	14	14	9	8	7	10	17
3	11	14	16	16	15	14	17	19	20	21	****	26	26	27	28	24	24	27	26	22	17	12	13	16	20
4	20	22	19	15	18	15	16	19	20	22	21	21	22	22	18	20	22	18	15	20	21	19	19	18	19
5	17	15	14	13	12	11	10	9	11	5	****	****	15	17	20	21	23	22	17	4	0	0	0	0	12
6	2	13	19	19	18	14	12	14	15	18	20	22	23	23	23	23	24	23	20	14	7	2	2	0	15
7	1	2	3	6	8	7	7	8	12	18	20	23	23	24	25	25	25	28	21	4	10	18	13	10	14
8	17	18	17	15	15	18	20	24	27	31	34	35	38	35	36	34	33	31	25	14	20	19	18	17	25
9	17	23	17	6	10	10	2	4	10	30	41	45	****	47	48	47	45	43	30	19	9	29	26	15	25
10	14	2	4	11	9	8	2	11	29	38	48	-	51	55	51	50	45	41	40	35	30	17	24	22	28
11	33	36	34	30	27	19	9	7	16	4	****	14	19	32	40	44	33	35	34	24	5	2	0	0	22
12	0	0	0	0	1	2	5	5	14	36	40	45	47	47	45	39	38	33	26	17	13	5	14	7	20
13	5	3	3	12	11	6	4	7	22	28	****	30	32	33	31	32	29	26	25	18	5	1	0	0	16
14	0	0	0	1	1	3	6	13	25	41	45	46	44	47	47	42	42	39	37	25	16	9	6	11	23
15	12	19	18	18	14	12	11	9	10	17	25	31	43	65	58	56	54	56	44	39	31	18	15	9	29
16	14	25	31	27	22	16	21	19	28	33	****	****	****	33	28	****	****	****	****	****	12	****	****	****	******
17	9	9	19	21	22	22	20	19	18	18	21	21	21	23	22	24	21	19	17	14	10	3	2	4	17
18	8	13	12	11	11	10	6	7	11	0	****	****	33	44	43	32	31	33	26	17	2	0	0	0	16
19	0	0	2	13	6	6	5	10	15	21	22	27	30	31	34	32	34	35	32	21	8	3	1	7	16
20	9	27	23	24	25	21	16	21	37	43	46	50	51	52	50	49	48	44	43	33	41	47	33	14	35
21	****	0	1	5	5	7	13	28	34	38	36	39	39	40	40	40	41	43	43	38	48	59	54	47	32
22	55	47	44	53	57	59	-	58	58	68	75	73	67	64	59	54	41	37	31	29	21	6	9	13	47
23	****	15	17	15	13	9	8	8	15	****	****	38	47	52	54	53	58	61	54	57	57	57	57	58	38
24	46	34	26	20	15	11	4	6	25	39	42	52	56	55	55	50	53	66	61	56	54	59	54	56	41
25	58	61	58	55	45	33	21	21	27	29	34	36	40	37	37	31	30	30	26	24	21	23	31	34	35
26	30	27	24	22	20	11	5	5	12	24	19	9	7	4	2	****	8	14	18	15	14	12	10	11	14
27	11	12	9	9	8	7	8	11	19	19	21	22	22	-	24	23	23	22	17	13	7	0	0	0	13
28	0	0	0	0	0	2	4	5	11	21	22	26	30	27	32	26	28	41	37	39	25	27	28	25	19
29	25	19	26	30	27	25	28	33	34	38	38	34	29	29	27	26	25	24	20	14	2	0	2	0	23
30	0	0	1	2	2	1	1	4	6	16	31	27	31	32	34	34	31	30	22	16	11	16	14	16	16
31	25	33	27	24	27	14	8	13	22	****	****	25	35	34	34	36	34	36	35	38	30	14	12	14	26
MEAN	16	17	16	17	16	14	11	15	21	26	33	32	34	36	35	35	33	33	30	24	18	17	16	15	23.0

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 3.5 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	19	16	16	16	15	12	14	18	20	20	26	31	32	33	33	36	36	29	20	12	17	18	****	22
2	26	24	24	24	21	16	12	11	12	13	10	14	18	19	19	25	37	42	37	32	28	24	22	22	22
3	25	24	25	28	24	18	13	17	24	****	29	33	36	37	37	31	36	38	33	25	22	34	32	42	29
4	48	48	44	43	41	40	34	34	29	45	50	54	59	56	62	60	36	19	14	22	****	****	****	****	42
5	****	0	5	10	8	6	9	12	12	18	18	22	34	36	39	41	33	29	22	20	18	13	9	12	19
6	10	14	13	13	12	11	10	11	15	15	16	15	15	15	16	16	16	16	13	5	0	1	0	0	11
7	0	0	1	1	1	1	0	0	12	****	9	8	****	20	19	13	9	11	8	7	12	16	19	23	9
8	27	25	22	19	17	15	9	9	13	15	14	13	16	18	20	20	20	****	17	11	9	10	15	17	16
9	16	14	9	10	10	5	5	9	16	19	19	****	18	20	22	21	19	17	13	5	0	1	3	7	12
10	4	10	12	8	4	1	0	1	9	14	18	14	12	12	12	11	15	12	1	11	5	9	6	4	9
11	8	10	10	10	9	8	7	10	13	14	17	18	17	18	19	19	16	15	14	5	0	0	0	1	11
12	1	6	7	7	7	7	7	10	14	15	17	19	19	21	20	22	21	21	16	7	4	4	6	1	12
13	3	6	8	11	11	7	5	6	12	22	25	28	33	30	31	30	25	21	15	19	20	18	22	26	18
14	29	40	37	34	30	24	18	18	19	14	11	13	13	13	11	11	10	10	-	5	5	7	10	9	17
15	9	8	10	11	11	7	3	4	6	****	****	****	6	6	8	6	9	10	9	9	6	0	1	5	7
16	9	13	13	13	12	9	7	9	12	14	17	17	18	19	17	17	16	14	9	0	0	0	0	0	11
17	0	0	0	0	0	0	0	0	4	13	19	23	24	26	27	25	26	26	16	9	19	****	24	21	13
18	8	8	11	17	21	17	16	13	10	7	9	12	13	11	14	16	15	11	4	7	5	8	4	3	11
19	1	4	4	6	11	10	9	11	15	16	20	24	17	21	12	5	7	3	8	0	0	0	0	0	9
20	0	0	3	3	5	2	0	1	2	6	11	14	20	23	25	22	21	19	10	2	0	0	0	0	8
21	0	1	1	1	2	1	0	4	9	11	15	15	16	17	14	13	12	12	12	5	1	0	0	2	7
22	8	9	10	10	9	7	4	5	11	18	****	21	26	29	29	27	28	23	13	1	1	3	5	6	13
23	11	14	15	20	18	15	7	6	7	12	15	32	30	25	13	9	5	0	1	0	0	0	1	1	11
24	2	4	8	10	12	5	0	2	5	8	9	13	17	25	23	27	29	26	15	13	17	19	19	19	14
25	18	19	19	17	16	16	11	14	21	29	30	28	25	22	22	22	20	20	16	11	11	16	13	11	19
26	10	8	10	10	11	7	7	8	12	15	18	24	26	26	25	27	25	-	6	1	3	2	6	3	13
27	4	7	6	3	4	4	0	0	3	8	17	28	33	34	33	29	27	23	13	5	10	13	13	16	14
28	18	20	16	15	10	4	0	1	8	****	****	33	38	****	28	28	25	22	12	10	4	5	7	10	15
29	13	14	14	12	16	11	3	3	4	4	5	5	12	18	27	26	26	21	20	23	27	29	23	25	16
30	28	30	26	27	22	16	5	7	19	24	28	29	30	31	28	26	25	24	17	6	10	12	13	14	21
31	12	13	11	12	11	8	6	11	12	15	16	18	20	19	20	16	17	17	10	0	3	2	1	1	11
MEAN	12	13	13	14	13	10	7	8	12	16	18	21	23	23	23	22	21	19	14	10	8	9	10	10	14.6

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	1	0	0	1	5	11	23	31	34	38	40	38	41	40	34	29	10	5	6	1	15	17
2	32	36	39	45	49	49	49	47	42	42	45	47	41	37	36	39	38	31	26	29	27	27	26	29	38
3	28	26	28	27	26	26	23	24	21	17	13	14	14	15	15	17	17	14	11	8	9	12	12	12	18
4	12	12	10	10	8	4	4	5	7	11	14	19	24	25	26	20	19	16	4	1	0	0	0	0	10
5	1	1	2	0	1	1	1	3	5	8	13	22	26	27	27	24	21	21	3	0	3	7	10	17	10
6	1	5	9	6	4	2	1	1	2	2	5	6	6	9	10	11	6	3	1	10	25	14	15	16	7
7	19	20	19	17	15	10	8	10	****	****	14	12	12	13	11	11	10	8	8	7	9	11	13	14	12
8	13	13	12	12	12	9	8	9	11	15	15	16	16	16	15	17	15	15	12	8	5	2	0	D	11
9	0	0	0	2	2	1	3	6	11	15	16	18	19	****	17	17	15	16	0	0	1	1	6	6	7
10	11	14	17	18	11	2	3	2	2	7	8	9	13	13	9	15	9	9	8	10	6	9	6	8	9
11	13	13	12	13	13	9	8	4	10	11	11	10	11	11	10	-	10	5	1	0	0	0	0	0	8
12	0	0	0	0	0	0	0	1	3	2	5	12	15	18	20	19	12	8	2	0	0	1	1	2	5
13	5	8	10	9	8	4	1	1	2	****	****	38	47	44	44	41	40	30	17	24	21	33	30	29	22
14	30	32	41	38	32	25	9	3	15	21	22	****	****	4	3	8	11	11	8	2	****	2	2	4	15
15	3	6	8	6	5	4	3	4	5	7	9	9	12	15	15	14	12	8	6	4	8	10	8	11	8
16	8	10	10	12	10	8	5	8	10	11	11	12	13	15	15	16	16	8	****	1	7	8	9	11	10
17	18	19	24	23	17	7	2	2	12	21	27	32	31	35	33	28	36	39	43	45	45	40	36	36	27
18	33	35	32	32	31	22	6	12	23	29	34	38	42	44	40	36	24	23	27	****	24	16	10	1D	27
19	14	16	17	18	17	16	12	14	18	16	16	18	18	18	17	15	14	****	3	2	2	2	1	2	12
20	3	4	6	7	1	****	****	1	3	****	****	****	****	****	13	8	8	9	11	17	20	20	19	17	1D
21	24	24	25	24	24	20	13	6	10	17	28	26	17	15	14	9	3	2	0	0	0	0	0	0	13
22	2	2	2	2	6	7	5	5	7	13	17	18	19	17	19	18	17	16	13	11	4	5	4	4	10
23	3	4	4	5	6	6	7	7	9	14	19	22	20	19	21	23	22	15	6	0	0	D	0	D	10
24	0	0	0	0	0	0	0	1	2	6	11	17	21	20	21	21	17	7	0	1	1	1	1	1	6
25	1	1	13	17	17	9	0	0	0	7	13	26	26	26	31	28	25	23	23	27	31	32	32	32	18
26	28	28	28	27	25	19	2	6	14	22	****	****	****	23	20	18	19	14	5	2	D	0	0	D	14
27	0	0	3	3	3	0	0	1	3	5	8	21	28	28	29	32	34	28	26	24	15	14	25	28	15
28	42	30	36	32	24	15	7	2	4	10	15	18	24	20	19	17	16	20	21	22	23	21	22	21	20
29	16	20	25	25	26	26	6	8	18	22	23	33	40	48	48	30	25	19	13	24	14	24	16	3	23
30	2	5	7	8	8	8	9	7	6	8	10	5	13	36	37	31	18	17	9	4	7	12	10	11	12
MEAN	12	13	15	15	13	11	7	7	10	14	17	20	22	23	22	22	19	16	12	10	11	11	11	11	14.2

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 2.9 PERCENTAGE OF DATA UNAVAILABLE - D.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GON RIDEAU/WURTEMBURG ST.OTTAWA MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	36	39	33	27	18	4	8	15	18	19	17	28	46	41	32	22	15	3	1	7	13	16	14	21
2	15	14	16	14	12	8	4	3	6	****	****	6	16	24	23	26	21	3	0	0	2	6	7	9	11
3	7	10	16	18	17	12	6	7	9	10	12	10	13	15	11	8	6	6	1	2	1	0	0	0	8
4	2	8	19	20	15	3	1	4	14	****	17	18	16	16	17	14	6	6	6	6	5	6	7	7	10
5	14	13	11	10	6	0	0	0	1	2	0	9	11	10	3	3	2	9	15	21	29	32	28	28	11
6	28	23	29	28	25	23	22	18	14	18	24	24	22	23	22	15	12	8	8	12	8	9	8	3	18
7	3	3	9	12	15	18	14	18	16	16	13	12	9	4	4	11	12	11	8	****	****	****	****	****	11
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	7	*****
9	15	8	11	11	21	23	20	18	22	24	23	19	22	20	20	15	11	7	9	11	9	8	3	6	15
10	10	****	****	5	5	5	****	****	****	****	8	13	18	17	18	16	13	11	3	2	2	1	2	4	9
11	2	3	4	4	6	4	****	****	****	****	2	4	6	6	4	6	11	4	0	0	0	0	0	0	3
12	0	0	0	0	0	0	0	2	2	4	5	7	3	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	4	12	16	15	10	11	11	8	6	10	14	13	13	15	13	12	12	14	16	18	14	14	11
14	****	****	****	0	5	4	2	4	11	15	15	18	15	15	17	16	14	9	10	13	10	6	6	4	10
15	4	0	0	3	4	5	2	2	5	10	****	****	41	40	26	27	26	32	25	36	32	23	16	20	17
16	14	21	22	19	12	0	0	3	16	40	55	60	48	50	51	52	28	16	14	13	11	9	6	5	24
17	5	2	2	3	0	4	0	0	4	7	9	7	6	8	0	0	0	0	0	0	0	0	9	24	4
18	21	19	20	19	16	11	2	4	10	30	47	53	56	56	58	49	32	24	15	13	4	0	0	0	23
19	0	3	0	0	2	0	0	0	6	15	9	4	9	10	15	16	6	5	4	5	0	0	0	0	5
20	0	****	****	****	****	****	****	48	36	22	13	16	15	31	38	24	14	16	36	24	4	11	26	30	22
21	29	43	46	43	44	39	24	25	31	37	38	50	68	69	67	60	58	58	62	51	37	39	24	22	44
22	41	54	58	53	48	27	8	10	13	23	44	57	75	77	69	51	40	26	12	4	6	16	26	16	36
23	23	37	39	39	51	22	2	4	25	****	30	34	34	32	26	17	14	9	14	7	2	2	1	3	20
24	3	5	5	3	3	1	0	0	1	3	4	7	7	7	6	3	4	3	4	9	15	-	18	18	6
25	22	25	26	26	25	21	13	11	18	21	20	22	22	20	18	18	18	19	15	20	16	17	19	22	20
26	23	24	25	24	23	18	8	9	14	17	18	19	17	-	16	12	12	9	8	8	1	8	7	9	14
27	11	11	12	12	15	13	9	16	20	22	22	22	23	22	21	19	9	1	1	1	3	7	7	8	13
28	8	10	14	17	18	18	17	17	15	11	11	10	8	8	7	6	5	3	3	4	5	5	2	2	9
29	5	8	9	8	10	7	5	4	1	2	****	5	7	8	7	4	2	1	2	2	3	2	4	4	5
30	6	10	10	9	9	7	4	2	2	7	18	16	18	18	19	17	7	0	0	0	0	0	0	0	7
31	0	1	0	1	1	1	1	1	2	5	7	11	13	16	17	10	5	2	2	1	0	0	0	0	4
MEAN	12	14	17	15	16	11	7	9	12	15	18	19	22	23	22	19	14	11	10	10	8	9	9	9	13.8

PERCENTAGE OF DATA VALID - 92.6 PERCENTAGE OF DATA INVALID - 7.1 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GON RIDEAU/WURTEMBURG ST.OTTAWA MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	1	2	1	0	0	1	4	6	13	26	26	26	14	3	0	1	2	2	1	5	15	6
2	20	20	19	23	19	18	14	9	7	4	7	11	9	7	6	6	2	0	1	1	1	1	0	0	9
3	2	2	1	1	1	1	1	1	3	12	20	24	25	27	26	19	11	4	1	0	0	6	10	-	9
4	10	5	14	17	18	19	17	15	15	17	19	18	17	14	15	15	14	6	4	5	9	11	5	4	13
5	0	1	1	1	3	1	0	0	0	6	18	17	19	17	18	9	3	1	1	1	0	0	0	0	5
6	0	0	0	0	2	1	0	1	1	3	4	7	5	2	4	2	1	0	0	0	0	1	1	0	1
7	2	2	3	5	5	5	3	1	1	3	8	12	9	2	2	5	2	2	3	5	10	14	14	16	6
8	18	14	12	11	8	-	****	3	2	3	****	****	11	10	7	4	1	2	2	10	10	9	9	9	8
9	10	10	12	12	12	11	8	2	4	6	5	8	12	10	6	3	2	6	6	-	6	1	2	3	7
10	2	1	1	2	2	2	1	3	4	6	9	11	11	11	27	****	9	8	6	4	0	0	0	0	5
11	0	0	-	0	1	1	4	9	12	13	13	13	-	12	13	11	5	2	0	0	0	0	0	0	5
12	4	10	15	-	16	16	15	10	8	8	9	10	12	10	10	4	0	0	0	0	0	0	0	0	7
13	0	0	0	0	0	3	1	0	0	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0
14	0	1	3	5	7	5	4	4	4	10	15	17	15	12	11	10	10	5	10	6	11	13	14	12	9
15	14	16	12	14	13	3	0	0	0	1	6	8	8	3	2	1	0	0	0	0	1	0	9	19	5
16	23	24	24	24	23	22	15	5	8	14	19	20	19	19	17	11	5	0	2	7	6	1	1	0	13
17	1	5	5	3	5	6	5	4	3	3	2	3	2	2	3	2	2	0	3	11	9	9	9	1	4
18	0	5	6	7	4	6	12	9	11	15	18	18	17	17	15	12	7	6	7	8	14	13	10	11	10
19	9	4	0	2	1	9	11	9	11	13	****	****	10	9	8	5	2	3	2	1	0	0	0	1	5
20	1	1	3	5	5	5	2	0	0	2	2	0	0	1	1	0	0	0	0	0	0	3	12	9	2
21	13	14	15	13	17	11	4	1	4	10	12	15	16	13	6	1	1	-	3	0	0	4	1	0	8
22	1	2	2	2	2	1	1	0	0	0	-	-	3	2	2	2	2	2	2	1	2	1	1	2	2
23	1	2	1	1	2	1	2	2	2	1	3	3	2	3	3	2	2	1	2	2	2	2	2	3	2
24	3	-	3	4	4	4	3	3	2	1	3	2	2	4	4	3	3	2	6	7	4	****	8	3	4
25	1	2	1	2	1	2	1	2	3	4	5	8	4	4	6	5	8	10	7	6	8	11	14	14	5
26	15	15	16	15	14	12	8	5	3	5	5	5	4	3	4	2	1	3	12	12	9	14	21	18	9
27	18	22	23	23	24	23	13	6	3	****	8	11	13	9	7	7	2	2	2	4	3	3	2	3	10
28	3	2	8	7	9	11	8	3	2	4	****	****	****	22	21	23	26	27	25	27	25	22	18	21	15
29	24	24	24	26	26	26	21	17	17	****	****	****	17	15	13	****	-	****	12	13	12	13	14	16	18
30	20	22	27	27	26	23	17	13	12	19	18	11	10	8	11	4	4	6	11	12	12	10	8	8	14
MEAN	7	8	9	9	9	9	7	5	5	7	9	11	11	10	10	7	4	4	4	5	5	6	6	6	7.1

PERCENTAGE OF DATA VALID - 96.3 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - 5E NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	7	6	5	8	9	7	8	8	9	10	11	7	3	****	6	5	6	7	10	10	10	9	8
2	11	14	15	16	17	17	16	16	17	18	19	20	20	20	20	17	13	14	14	14	13	14	15	14	16
3	14	11	14	13	11	14	11	6	8	11	13	15	16	15	15	10	****	5	8	11	12	12	12	10	12
4	12	10	12	11	11	10	6	3	6	5	****	6	14	14	16	15	12	17	19	13	10	8	10	9	11
5	6	9	11	11	12	12	9	7	8	9	10	9	9	8	6	5	4	5	5	6	9	9	9	11	8
6	16	20	16	13	14	12	10	6	7	8	10	10	****	21	3	1	1	1	2	7	5	7	7	5	9
7	9	8	9	7	10	9	6	2	1	3	4	7	7	6	5	2	1	2	3	3	3	3	7	7	5
8	7	6	7	7	8	10	19	22	24	22	23	21	20	22	24	23	19	16	****	11	12	12	12	15	16
9	15	14	13	10	9	13	13	10	11	10	13	13	13	11	12	10	8	7	10	9	9	10	10	16	11
10	17	18	18	18	17	17	13	9	11	12	****	****	11	11	14	9	8	8	12	12	14	2	0	1	11
11	6	12	15	16	15	13	6	0	0	2	3	3	5	2	0	0	0	0	0	0	0	0	0	0	4
12	0	0	3	14	14	12	6	0	0	1	10	12	13	18	19	19	18	21	23	24	24	28	27	25	14
13	28	29	30	27	27	25	21	20	16	19	****	****	18	16	14	10	4	8	9	11	10	9	9	12	17
14	10	4	3	4	5	8	7	0	2	10	13	18	22	22	20	11	9	3	4	4	8	11	13	14	9
15	8	7	5	0	0	0	0	0	0	0	0	0	1	1	3	5	2	4	4	6	5	6	10	8	3
16	7	6	5	4	4	5	4	4	5	4	5	4	2	1	1	5	5	5	6	6	7	7	7	10	5
17	12	12	9	10	10	12	4	6	6	9	8	8	10	9	10	7	7	7	8	6	4	4	7	9	8
18	13	13	13	14	16	14	12	12	12	13	****	****	****	****	****	****	14	10	2	1	0	0	4	4	9
19	5	8	15	16	15	16	15	8	6	****	****	****	17	17	17	12	9	4	3	10	13	10	8	7	11
20	7	6	6	5	5	5	6	3	1	3	0	0	****	14	8	7	2	4	3	2	0	0	0	0	4
21	0	0	0	1	2	1	1	1	2	3	3	4	5	4	4	3	1	1	1	1	1	1	1	1	2
22	1	1	1	1	1	1	1	1	2	3	3	3	3	2	2	1	1	1	1	1	0	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	0	0	0	1	1	1	1	1	1	2	1	0	0	0	0	1	2	2	2	2	1
25	2	2	2	4	4	4	3	3	4	4	4	5	6	5	6	5	5	5	4	5	6	7	7	9	5
26	9	10	9	9	9	11	12	12	11	10	11	12	13	11	10	8	6	8	7	8	10	10	10	9	10
27	10	11	12	12	12	11	10	9	9	10	13	14	15	15	14	13	11	15	16	15	16	16	17	17	13
28	17	16	17	17	18	17	14	9	11	8	16	16	16	16	14	11	4	8	10	8	6	5	7	7	12
29	9	11	13	13	14	14	14	11	10	16	14	13	15	14	13	6	1	3	11	11	7	9	10	9	11
30	12	9	12	16	17	15	16	24	24	26	26	26	26	26	23	23	22	23	23	20	20	20	19	18	20
31	18	20	18	14	14	13	4	2	3	6	7	12	7	7	6	1	0	0	0	0	0	0	0	-	7
MEAN	9	10	10	10	10	10	9	7	7	9	9	10	11	11	10	8	6	7	7	8	8	8	8	9	8.8

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - 5E NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	1	11	22	25	22	18	17	20	22	27	28	28	25	23	21	23	21	23	23	20	24	24	20
2	26	23	25	25	23	21	19	11	11	16	21	22	27	26	19	6	4	2	0	1	3	3	3	1	14
3	1	0	1	9	15	13	4	4	4	6	7	9	16	25	38	38	30	20	7	14	8	9	6	13	12
4	5	3	11	12	16	15	11	11	9	10	10	10	11	17	17	18	15	12	9	10	8	8	9	8	11
5	17	16	14	11	11	11	14	8	9	9	9	9	10	9	11	11	8	8	9	12	14	12	9	10	11
6	5	9	15	13	11	9	11	3	5	9	9	10	19	24	22	20	9	4	10	6	8	5	4	5	10
7	8	11	16	16	11	11	6	2	2	2	7	18	23	****	29	30	16	7	3	1	0	0	1	4	10
8	15	22	23	23	23	20	13	5	5	12	21	28	28	27	25	20	23	15	3	0	2	8	14	19	16
9	23	23	25	25	27	24	16	10	19	23	24	30	30	32	31	29	9	5	0	0	0	0	0	0	17
10	9	12	15	22	32	31	23	21	16	17	9	13	10	15	18	16	13	5	2	2	4	6	6	8	14
11	10	35	32	34	32	34	32	32	31	31	30	31	29	26	26	26	24	22	18	20	23	20	19	21	27
12	21	23	24	24	23	21	14	15	22	24	25	28	31	31	29	28	24	22	28	29	22	25	20	10	23
13	7	0	0	0	1	0	0	0	4	13	17	20	17	16	15	5	6	14	15	6	3	13	21	20	9
14	23	26	30	31	25	29	27	19	14	22	31	27	29	26	29	20	****	****	22	26	30	30	28	29	26
15	31	29	30	29	30	29	26	24	24	28	29	28	28	27	25	23	20	14	11	16	24	19	10	11	24
16	14	17	19	21	23	20	14	12	17	21	29	29	29	29	27	28	22	14	13	0	6	5	5	3	17
17	1	0	0	0	0	0	0	2	8	19	27	34	25	32	33	32	25	27	12	0	0	0	0	2	12
18	19	18	20	4	11	17	21	25	27	29	31	32	31	28	26	27	25	10	4	4	0	0	0	****	18
19												- DATA INVALID -													
20												- DATA INVALID -													
21	****	****	****	****	****	****	****	****	****	6	8	12	22	****	40	29	14	****	14	0	0	0	0	0	******
22	0	0	2	5	0	6	6	4	2	5	17	24	32	28	40	31	26	14	0	0	0	0	0	0	10
23	0	0	0	0	0	1	4	12	4	13	22	27	32	43	48	38	35	28	18	2	0	1	5	7	14
24	11	19	28	27	27	29	24	23	18	21	22	25	29	29	32	25	20	22	19	13	8	20	25	27	23
25	28	27	27	27	26	24	19	17	17	15	15	17	18	18	17	15	18	14	11	3	7	2	5	4	16
26	9	9	9	10	10	11	4	2	6	15	16	16	15	15	14	14	15	16	19	20	21	21	22	21	14
27	24	26	26	25	26	26	22	18	22	24	****	****	****	30	34	34	30	27	25	25	28	23	29	27	26
28	21	21	24	27	24	18	12	5	9	25	30	31	31	33	31	27	20	14	6	2	0	15	19	21	19
29	18	18	16	14	18	19	2	1	1	1	3	6	5	4	15	19	16	19	20	17	29	26	23	27	14
30	23	25	31	32	33	32	29	23	23	25	22	24	17	11	9	6	4	3	2	1	0	0	0	7	16
31	10	9	5	8	2	3	2	2	2	1	1	1	4	5	18	18	16	22	27	28	35	37	37	36	14
MEAN	14	15	17	17	18	18	14	12	12	16	18	21	22	23	26	23	18	15	12	10	11	11	12	13	16.1

PERCENTAGE OF DATA VALID - 91.1 PERCENTAGE OF DATA INVALID - 8.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO S1001 MCDONALD GON RIDEAU/WURTEMBURG ST,OTTAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	11.2	22	32
FEB	28	17.1	26	40
MAR	28	16.1	27	48
APR	30	25.7	38	52
MAY	31	25.4	53	68
JUN	30	29.1	63	96
JUL	30	23.0	47	75
AUG	31	14.6	42	62
SEP	30	14.2	38	49
OCT	30	13.8	44	77
NOV	30	7.1	18	27
DEC	31	8.8	20	30
YEAR	360	17.2	63	96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO S1001 MCDONALD GON RIDEAU/WURTEMBURG ST,OTTAWA

MONTH	00 TO 10	11 TO 30	31 TO 50	S1 TO 80	81 - 100	101- 120	121- 1S0	151&OVER	TOTAL
JAN	326	410	1	0	0	0	0	0	737
FEB	184	471	11	0	0	0	0	0	666
MAR	233	393	52	0	0	0	0	0	678
APR	100	337	275	4	0	0	0	0	716
MAY	122	348	227	29	0	0	0	0	726
JUN	145	271	173	96	8	0	0	0	693
JUL	161	351	1S1	52	0	0	0	0	71S
AUG	278	391	49	5	0	0	0	0	723
SEP	316	30S	77	0	0	0	0	0	698
OCT	349	271	44	25	0	0	0	0	689
NOV	495	198	0	0	0	0	0	0	693
DEC	458	266	0	0	0	0	0	0	724
YEAR	3167	4012	1060	211	8	0	0	0	8458

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
96.6	0	0.7	7.6	14.3	22.1	34.9	43.0	53.5	62.1	96	17.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JAN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	9	18	18	18	18	12	3	5	6	4	4	0	0	0	0	0	0	0	1	1	5
2	0	6	5	5	9	13	12	12	15	11	15	14	14	14	13	13	13	12	15	16	14	15	17	****	12
3												- DATA INVALID -													
4	****	****	****	****	****	****	****	****	****	****	16	17	17	19	18	19	19	21	22	22	21	23	25	26	******
5	28	27	26	25	23	21	23	23	25	26	26	26	27	27	25	23	17	21	21	24	21	21	19	14	23
6	14	17	15	19	16	10	5	2	7	12	13	14	13	11	10	8	6	12	10	9	7	8	8	7	11
7	4	7	8	12	11	10	5	10	11	9	12	11	4	7	4	8	3	0	0	0	0	0	0	0	6
8	****	0	0	6	7	4	6	3	5	10	10	11	12	12	18	14	10	13	12	6	10	4	5	9	8
9	8	14	14	14	17	15	14	14	14	15	13	16	19	18	16	15	15	16	17	14	9	6	7	3	13
10	3	4	2	0	2	2	0	0	0	7	13	14	17	14	15	12	8	12	10	13	4	9	9	17	8
11	12	14	12	6	7	11	9	3	8	12	15	16	****	4	11	10	12	11	7	13	13	16	0	0	10
12	0	0	0	0	0	0	0	34	53	24	****	13	15	14	16	26	34	34	-	-	24	24	20	20	17
13	17	16	14	12	11	9	9	9	10	-	14	15	17	16	19	21	22	20	16	14	12	13	****	11	14
14	10	9	7	8	7	6	7	7	9	13	14	12	9	9	10	8	9	8	7	8	7	7	9	9	9
15	5	6	6	7	8	5	9	9	10	9	8	9	10	9	9	10	14	13	12	12	12	8	10	7	9
16	5	5	5	5	6	5	6	9	11	9	10	10	11	10	10	13	19	16	14	15	10	11	11	13	10
17	10	10	9	7	6	5	7	11	15	8	7	10	10	11	79	15	14	11	16	13	12	10	7	8	13
18	8	7	6	6	6	6	7	11	11	9	-	-	8	8	8	9	17	16	14	11	12	11	11	9	10
19	9	9	6	6	6	6	9	12	16	12	10	10	-	9	10	14	17	20	19	21	25	28	14	13	13
20	11	9	9	8	9	9	9	9	9	10	10	11	11	16	20	20	21	20	20	20	18	20	15	16	14
21	14	12	11	11	10	8	7	7	7	7	8	7	10	9	7	7	7	6	7	7	8	8	8	7	8
22	6	5	5	6	7	-	8	8	9	9	7	7	8	8	9	10	10	****	8	10	8	6	6	6	8
23	7	8	7	5	5	8	9	13	16	12	10	10	10	11	13	16	26	28	16	14	13	11	12	9	12
24	8	8	13	15	10	10	12	13	-	-	****	18	18	16	15	15	16	15	13	12	12	10	9	8	13
25	7	7	5	5	5	5	6	7	9	8	8	8	8	7	7	10	9	10	7	7	7	7	6	6	7
26	6	5	5	5	5	5	6	9	12	10	9	10	11	13	12	15	23	17	13	12	11	12	13	13	11
27	10	8	8	7	7	9	9	10	11	12	13	13	12	13	16	13	11	12	12	14	14	16	14	14	12
28	12	15	13	9	8	8	8	10	10	10	11	10	13	9	10	12	11	9	6	6	5	6	6	5	9
29	4	4	4	4	4	4	8	10	10	8	8	9	8	8	9	8	9	9	7	6	5	4	6	6	7
30	5	5	4	4	4	5	6	7	****	27	27	****	24	27	26	25	25	26	25	23	21	24	24	25	18
31	30	30	30	29	31	29	27	23	26	28	28	27	31	28	27	24	22	24	22	23	24	26	24	25	27
MEAN	9	9	9	8	9	9	9	11	13	13	13	13	13	13	16	14	15	15	13	13	12	12	11	11	11.6

PERCENTAGE OF DATA VALID - 93.0 PERCENTAGE OF DATA INVALID - 5.8 PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - FEB 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	26	27	24	21	18	22	21	26	27	26	29	33	30	28	28	25	27	24	22	23	25	20	24	25
2	26	27	30	32	25	25	23	25	26	27	28	30	32	32	30	29	24	20	23	20	18	21	18	20	25
3	29	27	29	29	29	27	19	23	26	27	28	29	34	31	30	25	23	25	18	14	19	13	18	15	24
4	23	15	20	28	31	5	0	22	27	30	23	30	37	35	33	29	23	31	44	47	41	37	30	34	28
5	33	31	30	34	35	25	26	25	27	29	28	27	32	29	31	26	26	27	22	20	25	23	24	20	27
6	30	31	31	29	27	28	27	25	26	28	29	28	32	31	32	29	23	22	20	25	22	21	14	15	26
7	22	22	18	11	11	14	4	12	13	21	25	25	29	28	25	23	13	11	18	20	17	20	16	0	17
8	3	3	2	2	2	9	17	16	18	23	25	29	30	28	26	24	16	13	20	19	19	****	****	21	17
9	27	27	27	24	27	27	25	24	24	25	24	26	27	29	27	27	23	21	20	19	19	19	19	14	24
10	18	9	14	16	14	10	9	12	18	25	30	31	29	29	29	28	26	21	14	15	14	21	24	17	20
11	20	19	26	25	21	22	22	24	24	27	30	29	30	31	31	31	30	27	25	25	19	21	21	24	25
12	27	28	28	26	22	19	5	15	20	22	29	26	32	29	29	24	23	23	19	5	5	7	4	5	20
13	11	14	18	20	18	17	14	13	19	26	29	29	32	30	26	21	21	21	23	23	22	21	18	14	21
14	12	16	20	22	19	16	16	15	15	23	27	28	28	28	28	29	24	25	21	19	15	14	12	9	20
15	11	9	11	9	6	5	6	8	17	27	27	****	32	30	30	27	25	16	6	6	13	12	13	16	16
16	20	19	20	17	20	21	20	23	25	31	32	34	34	34	32	29	25	22	20	18	18	25	27	27	25
17	27	25	28	26	24	28	26	26	30	31	30	32	33	34	34	32	32	29	26	27	30	29	26	22	29
18	21	19	19	17	15	15	18	26	26	28	32	32	35	35	32	34	31	12	7	4	20	19	5	2	21
19	4	3	3	3	3	2	2	5	9	13	16	23	28	23	27	28	25	21	22	11	12	22	26	27	15
20	29	21	18	19	23	28	29	24	21	24	29	34	39	44	47	47	41	37	37	39	35	29	2	2	29
21	3	4	15	20	9	10	4	6	9	24	35	31	29	34	39	29	16	6	20	20	30	18	16	16	18
22	22	26	30	43	41	36	22	19	21	23	28	31	36	45	39	36	26	29	24	21	21	4	2	2	26
23	3	4	3	12	26	28	19	17	30	26	29	29	36	32	28	42	24	2	28	31	12	12	32	36	23
24	40	38	35	26	7	3	3	1	18	23	24	21	30	29	34	35	30	5	24	26	27	30	30	30	24
25	34	28	36	37	34	33	34	36	36	35	34	35	37	42	41	37	28	28	24	20	13	14	29	24	31
26	25	21	24	28	28	26	21	19	17	19	24	28	21	24	23	21	23	24	28	26	26	23	24	27	24
27	30	28	28	28	27	26	25	22	21	24	27	28	27	25	22	21	17	17	20	18	19	21	22	21	24
28	18	22	24	23	23	28	25	23	29	32	38	41	42	48	46	43	41	40	36	34	28	31	31	17	32
MEAN	21	20	22	23	21	20	17	19	22	26	28	29	32	32	31	30	25	22	23	21	21	20	19	18	23 4

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	0	0	2	13	6	19	25	28	26	25	27	32	38	36	28	20	14	3	4	2	3	3	5	15
2	6	5	4	3	6	20	5	7	7	13	****	10	12	13	14	14	8	3	4	5	4	2	2	1	7
3												- DATA INVALID -													
4												- DATA INVALID -													
5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	5	14	7	10	7	12	******
6	11	11	12	13	12	10	4	****	****	****	****	****	****	****	****	1	****	****	****	****	****	****	****	2	******
7	-	****	7	5	3	3	1	****	****	4	4	8	4	8	11	11	3	****	****	****	****	****	****	****	******
8	****	****	****	****	****	****	****	****	****	****	2	4	5	22	26	20	17	14	4	3	12	4	5	11	******
9	8	20	26	26	23	22	18	18	23	30	40	32	38	40	39	40	35	21	5	15	12	20	16	17	24
10	24	29	44	40	48	46	50	46	40	41	31	28	27	32	29	25	20	19	26	29	31	21	20	16	32
11	17	25	32	39	45	41	39	37	37	39	38	37	36	34	33	31	31	30	36	30	36	28	27	28	34
12	27	28	29	30	29	28	25	23	24	28	27	32	33	****	39	42	44	41	41	40	38	38	-	36	33
13	35	37	34	37	39	38	35	34	36	40	42	37	36	23	25	11	4	4	4	14	42	44	50	48	31
14	49	50	50	52	54	51	49	56	43	46	47	47	47	37	36	40	42	40	41	39	45	39	45	52	46
15	40	42	48	54	40	44	34	58	33	40	33	37	38	31	49	34	38	29	41	33	37	28	30	28	38
16	31	32	41	34	39	-	50	36	40	56	41	37	54	46	28	31	62	56	33	21	53	33	30	18	39
17	26	22	34	37	27	15	14	19	33	28	40	39	47	50	49	49	55	54	22	1	37	34	5	7	31
18	24	20	9	18	13	7	13	35	36	44	51	44	46	48	42	47	40	42	15	12	10	0	0	2	26
19	11	8	20	4	0	10	1	12	33	38	****	****	****	****	46	43	38	39	30	12	9	16	3	20	20
20	19	0	2	2	9	29	39	15	33	25	41	42	53	49	51	47	52	-	****	26	12	****	10	0	26
21	0	29	28	15	40	22	16	12	20	25	28	44	33	44	45	65	58	58	20	19	20	0	0	11	27
22	10	10	0	4	9	26	10	19	23	36	37	39	42	29	41	53	37	38	24	2	1	****	****	****	23
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	26	32	32	26	******
27	28	29	35	42	42	31	42	30	31	32	33	35	36	37	37	36	39	39	35	32	33	32	29	25	34
28	26	28	30	26	23	18	24	30	34	37	37	38	39	41	40	38	40	28	24	20	26	13	3	6	28
29	20	18	17	35	****	36	32	33	32	35	34	34	36	33	27	20	18	20	20	19	22	18	11	17	26
30	21	18	16	27	34	34	32	29	-	26	20	-	-	-	14	9	7	5	5	4	3	3	2	3	16
31	3	3	3	3	18	36	37	39	37	38	35	39	36	36	35	42	30	21	20	22	25	25	29	32	27
MEAN	20	21	23	24	26	26	26	29	31	33	33	33	35	35	34	32	32	28	21	18	23	20	16	18	26.4

PERCENTAGE OF DATA VALID - 71.5 PERCENTAGE OF DATA INVALID - 27.4 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	32	30	32	34	36	37	34	34	33	37	36	34	34	37	36	34	33	29	33	22	21	15	12	18	31
2	23	24	26	25	24	23	19	16	11	21	14	15	****	****	21	19	15	9	26	24	28	27	29	29	21
3	31	33	29	21	15	25	26	22	24	35	26	36	26	27	23	24	23	28	21	10	16	11	3	9	23
4	24	16	12	5	8	4	4	11	21	26	28	29	28	26	26	20	****	23	12	7	13	14	20	30	18
5	34	33	32	32	30	****	19	19	-	-	****	28	29	27	24	23	24	27	34	34	29	30	27	25	28
6	28	29	32	33	33	35	54	57	42	57	****	44	25	28	28	26	20	25	32	34	28	22	23	25	33
7	27	28	28	28	28	27	27	26	26	26	23	25	26	26	28	28	27	26	25	22	20	17	21	23	25
8	23	23	24	23	24	23	24	25	26	27	29	30	32	33	33	33	32	31	30	28	10	20	19	23	26
9	22	24	22	17	20	20	24	27	27	29	28	27	33	31	34	26	24	27	40	35	30	31	31	31	28
10	32	32	31	30	30	28	24	24	26	29	29	30	29	31	32	32	29	25	24	33	29	25	25	27	29
11	28	28	26	21	24	24	24	27	31	36	35	34	36	37	36	35	33	32	26	25	17	12	12	16	27
12	16	16	20	24	23	21	28	33	35	36	42	38	40	37	39	36	35	33	28	24	23	26	21	16	29
13	17	22	21	23	23	23	24	26	28	29	32	35	37	39	40	39	40	44	36	21	26	24	14	20	28
14	24	24	31	33	30	28	29	27	20	20	17	15	19	17	25	23	24	29	31	33	34	28	26	24	25
15	29	23	20	20	19	14	13	22	23	26	32	39	40	39	40	38	31	30	27	21	18	16	16	17	26
16	20	20	20	20	21	20	21	19	20	18	17	16	18	19	23	23	21	****	12	11	****	12	12	9	18
17	11	17	19	19	18	17	19	22	22	31	39	35	36	-	-	39	37	-	27	13	****	****	25	24	25
18	29	28	31	30	31	28	33	37	38	40	40	****	-	-	38	37	35	34	29	17	3	19	21	28	30
19	31	28	29	30	26	26	30	35	35	38	39	40	40	42	42	41	37	34	22	6	1	1	0	1	27
20	1	1	1	2	6	6	14	22	37	34	35	42	43	43	45	42	41	38	20	3	6	10	12	22	22
21	22	20	24	25	25	30	35	34	39	40	44	45	50	51	48	48	47	42	34	7	8	6	4	19	31
22	29	28	35	23	17	15	20	37	38	37	36	37	36	38	38	41	41	43	33	17	19	24	12	9	29
23	20	28	29	29	30	23	21	22	30	33	37	38	38	38	37	38	36	36	25	9	5	7	18	31	27
24	18	16	17	26	26	13	7	12	20	32	40	****	39	34	34	35	37	34	30	20	12	12	5	4	23
25	5	6	17	28	26	****	25	22	19	22	20	19	23	27	27	24	21	18	12	33	44	55	55	53	26
26	51	49	46	45	42	43	43	43	43	49	52	52	48	46	39	45	39	47	49	37	39	38	35	37	44
27	36	18	32	33	40	32	20	24	31	32	31	33	35	32	27	24	17	11	8	22	10	9	12	12	24
28	12	11	13	15	16	13	10	12	16	18	20	25	32	33	35	30	29	26	24	23	23	20	17	12	20
29	10	8	10	17	22	25	27	25	29	30	31	33	31	37	40	38	36	31	33	28	28	24	25	25	27
30	25	21	22	23	24	19	21	19	21	24	27	41	37	38	40	41	42	41	32	18	15	22	40	63	30
MEAN	24	23	24	24	25	23	24	26	28	31	31	33	34	34	34	33	31	30	27	21	20	20	20	23	26.7

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	62	47	47	36	43	30	26	25	24	26	25	25	23	33	23	19	27	27	23	20	16	17	15	19	28
2	25	26	26	28	26	18	19	22	17	30	29	****	36	37	37	33	31	35	35	30	28	29	27	28	28
3	30	27	27	22	18	17	11	14	25	19	27	32	32	28	17	14	14	21	17	25	24	30	27	26	23
4	22	33	27	23	25	24	18	19	20	25	32	33	32	28	28	27	-	26	21	20	22	23	21	21	25
5	20	29	26	30	28	28	27	30	32	32	30	31	31	31	33	35	37	37	33	17	28	31	30	25	30
6	27	28	26	27	23	21	27	38	40	41	43	40	40	38	42	41	41	41	38	20	32	29	21	14	32
7	4	16	14	****	6	7	18	23	30	32	32	32	35	36	36	37	38	38	35	34	34	29	31	33	27
8	27	33	34	23	14	19	17	17	22	22	31	45	53	65	75	70	73	64	62	42	45	58	58	60	43
9	61	63	55	54	50	48	45	45	47	61	58	63	35	59	57	51	59	66	76	75	72	70	63	58	58
10	42	41	37	33	31	30	35	35	31	33	38	34	42	40	40	37	39	30	23	18	13	7	0	2	30
11	13	30	34	35	35	28	16	19	21	21	34	30	48	38	41	41	41	39	35	23	24	9	6	5	28
12	5	5	6	13	5	8	10	14	24	43	53	48	44	43	40	46	53	46	43	32	35	31	28	30	29
13	30	31	28	29	29	27	23	28	29	28	26	24	26	29	24	25	26	28	27	28	29	26	29	32	28
14	36	36	35	33	29	24	24	23	29	29	****	37	38	42	43	42	49	58	56	46	63	42	44	45	39
15	41	47	40	39	39	34	30	40	53	58	****	55	56	50	52	27	****	25	26	25	18	23	23	19	37
16	16	22	20	19	29	25	22	19	26	34	28	32	31	27	26	23	20	23	21	10	5	2	0	0	20
17	-	7	6	****	2	6	9	13	21	21	21	23	25	34	35	33	33	37	39	17	2	7	10	1	18
18	1	15	21	20	11	15	26	28	29	38	47	46	45	43	37	41	45	43	26	6	6	21	22	24	27
19	22	24	25	23	15	14	14	17	25	****	30	31	33	27	28	28	24	18	8	4	9	5	7	9	19
20	4	5	11	13	16	14	17	17	18	20	23	25	27	28	33	30	32	33	31	29	20	15	17	14	21
21	****	19	22	22	23	23	27	36	42	45	46	36	28	30	27	28	30	34	38	38	40	29	21	23	31
22	21	20	21	23	20	17	23	26	25	27	32	33	36	36	36	37	41	39	35	27	22	6	17	****	27
23	14	20	18	4	0	2	6	11	21	24	26	28	32	26	20	24	33	38	32	24	27	23	17	16	20
24	16	10	14	17	13	20	21	18	23	18	18	16	17	17	****	19	13	17	11	14	3	6	3	7	14
25	13	25	33	27	-	****	21	15	****	****	17	20	21	22	21	26	21	20	18	18	30	25	20	20	22
26	34	28	20	24	19	19	19	22	16	17	26	19	20	20	18	15	13	13	7	11	2	8	7	12	17
27	17	28	27	33	32	34	34	31	31	28	36	31	40	37	39	40	48	42	35	30	28	27	32	26	33
28	30	22	29	39	****	29	20	26	****	29	****	38	37	41	40	39	30	38	34	36	29	28	28	35	32
29	35	33	27	44	32	32	23	25	34	33	38	43	50	45	46	47	42	37	27	33	31	15	10	16	33
30	9	16	24	23	5	11	18	4	20	24	25	26	33	40	39	51	37	36	34	35	28	24	20	15	25
31	13	30	17	27	23	25	32	30	23	28	35	43	45	45	49	45	42	41	36	34	25	11	2	2	29
MEAN	24	26	26	27	22	22	22	24	28	31	32	34	35	36	36	35	36	35	32	26	25	23	21	21	28.2

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	10	2	19	5	9	32	32	37	****	41	42	-	-	45	53	68	71	66	56	42	23	30	10	33
2	5	21	2	12	4	21	24	32	32	39	49	56	57	51	56	64	62	72	64	59	62	50	46	53	41
3	37	39	40	44	37	32	38	40	42	44	57	73	60	53	58	58	56	54	56	61	57	56	63	64	51
4	64	65	62	59	56	51	40	45	50	52	64	65	68	74	72	74	73	72	63	59	52	60	61	58	61
5	73	61	58	58	50	38	46	****	****	38	57	-	48	32	21	15	20	30	20	22	21	21	11	17	36
6	27	0	1	3	11	3	19	22	20	25	29	26	30	36	40	36	38	35	35	24	5	16	25	22	22
7	19	10	0	0	0	0	2	10	21	25	40	50	50	51	49	52	55	47	38	28	27	37	68	80	32
8	81	79	83	88	81	73	56	44	37	47	42	37	38	47	34	34	29	24	24	28	31	31	24	22	46
9	22	22	28	27	25	24	20	25	35	38	45	49	51	51	52	33	32	44	49	45	24	20	14	11	33
10	9	9	11	13	9	7	13	20	21	39	43	45	47	46	44	43	43	47	46	45	46	44	46	49	33
11	53	52	51	30	29	24	21	20	19	20	20	24	21	13	15	13	13	-	-	11	13	15	16	17	23
12	18	22	18	17	16	15	12	13	13	15	14	16	18	20	26	18	18	18	****	14	10	10	12	12	16
13	13	12	13	16	15	15	16	18	23	25	28	29	29	30	27	27	30	31	25	14	6	3	5	23	20
14	21	20	17	13	****	12	10	15	****	****	32	27	28	****	****	57	56	50	53	51	46	48	47	40	34
15	42	44	42	46	45	41	43	45	****	73	****	****	87	91	91	97	111	114	110	103	103	100	93	89	77
16	85	82	78	81	79	73	69	78	78	86	80	86	85	93	81	64	69	73	81	71	82	91	91	92	80
17	91	97	94	85	81	79	72	67	66	74	83	79	89	95	99	103	98	99	91	87	80	71	68	69	84
18	72	56	37	21	21	20	22	19	35	30	****	38	43	40	46	42	44	38	36	24	17	5	5	6	31
19	17	22	21	26	20	14	20	30	35	41	****	44	46	50	55	52	54	54	54	40	36	24	33	35	36
20	41	35	30	23	16	4	25	****	48	42	51	43	43	45	45	44	49	51	43	25	5	3	19	28	33
21	33	38	37	38	38	37	40	48	68	71	69	69	74	73	74	75	83	80	79	71	79	52	49	45	59
22	36	38	32	11	17	17	10	31	36	38	37	39	42	35	42	47	-	44	40	37	35	26	33	40	33
23	34	15	9	11	12	15	13	13	12	11	12	11	11	10	8	8	9	9	9	9	8	8	9	9	11
24	20	11	****	12	12	12	17	****	20	17	17	22	23	26	30	30	33	29	26	15	3	2	6	7	18
25	5	9	10	14	9	9	14	****	26	28	30	29	30	31	31	31	-	32	28	13	13	7	9	37	20
26	18	17	26	20	21	17	18	28	25	35	35	37	46	36	40	41	47	52	52	42	37	41	31	37	33
27	42	45	52	64	74	71	64	61	67	58	61	63	64	71	75	75	78	81	82	80	81	74	67	52	67
28	54	60	60	57	50	48	47	38	35	42	52	12	59	60	63	52	54	46	40	35	30	28	25	20	44
29	23	34	34	43	30	21	25	17	39	50	55	62	58	59	57	55	54	58	53	39	19	18	29	-	41
30	20	19	20	26	26	13	19	27	26	32	31	29	27	26	20	-	15	16	14	13	13	13	11	11	20
MEAN	36	35	33	33	31	27	29	32	36	41	43	43	47	48	48	48	50	51	49	41	36	33	35	36	39 1

PERCENTAGE OF DATA VALID - 96.3 PERCENTAGE OF DATA INVALID - 2.5 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	12	13	13	12	11	9	8	4	6	20	18	16	26	20	22	22	14	11	8	9	9	8	13
2	4	3	6	7	11	11	16	18	22	24	29	30	32	33	32	32	28	18	10	10	7	7	9	8	17
3	8	8	8	11	8	8	11	****	****	****	****	29	30	35	34	33	33	32	28	20	14	4	11	15	19
4	17	16	14	13	14	12	14	23	27	27	26	28	29	****	****	****	28	28	23	15	8	25	24	20	21
5	21	19	15	15	12	12	11	13	12	14	13	****	13	13	13	11	14	20	18	9	6	13	10	15	14
6	14	16	13	12	11	12	11	17	19	24	28	27	27	29	31	25	29	31	27	11	10	13	16	11	19
7	4	9	13	12	11	9	14	18	21	25	28	30	33	34	35	34	34	33	29	27	35	27	23	24	23
8	22	24	30	28	29	28	27	28	30	38	44	46	49	52	59	54	61	61	56	54	48	44	44	46	42
9	47	47	50	54	51	47	41	23	5	39	48	51	****	52	48	58	****	67	62	40	23	20	25	29	42
10	27	35	37	38	36	35	33	36	46	61	70	-	70	71	66	59	55	63	54	51	53	48	45	42	49
11	47	54	50	40	36	37	31	33	34	53	56	43	44	48	47	50	55	54	57	56	37	20	20	21	43
12	27	33	34	32	37	36	36	46	50	49	52	54	67	63	62	63	62	66	69	71	72	60	55	56	52
13	56	58	53	55	56	48	39	38	42	41	****	52	54	49	60	60	62	49	33	10	6	4	6	2	41
14	11	2	7	9	12	12	16	26	51	80	42	61	57	60	66	49	57	47	39	32	34	31	11	3	34
15	3	3	9	4	1	4	4	8	13	18	36	55	60	66	59	51	44	41	45	52	49	35	32	31	30
16	39	35	32	34	32	25	28	25	****	56	****	****	****	55	****	****	****	****	****	22	31	****	****	****	******
17	9	9	13	14	12	9	9	8	13	16	28	31	33	32	32	35	39	39	38	31	22	8	4	8	21
18	4	3	4	3	4	8	8	9	18	22	27	34	37	40	45	41	43	50	57	49	26	19	23	28	25
19	26	28	27	28	25	32	24	25	27	32	37	41	47	51	59	57	64	62	65	55	51	50	51	55	42
20	58	53	55	55	53	51	43	48	51	56	60	60	57	59	60	60	57	63	60	56	53	51	55	57	55
21	****	63	66	65	64	57	56	62	62	66	63	69	78	81	90	91	88	90	83	73	67	71	59	58	71
22	58	63	61	62	63	58	-	56	62	76	87	89	93	96	95	103	107	****	86	88	52	36	31	18	70
23	****	31	30	28	25	15	24	18	22	30	34	45	55	59	66	68	73	71	64	64	60	50	38	45	44
24	20	40	45	52	54	50	42	40	5	48	53	57	58	60	66	68	77	78	85	73	65	59	57	59	55
25	56	53	51	45	40	33	29	30	34	38	41	42	42	52	63	62	56	60	54	48	40	35	39	36	45
26	39	53	47	44	43	34	25	20	20	28	34	40	46	44	38	****	28	23	17	12	10	10	10	12	29
27	14	15	16	14	13	11	11	13	15	21	25	29	31	-	33	39	45	52	54	50	31	11	8	16	25
28	44	22	21	21	18	16	17	21	29	41	42	43	41	38	38	39	43	43	46	39	42	49	44	51	35
29	43	43	41	42	39	32	27	29	34	39	40	40	41	45	45	44	40	38	35	22	11	7	4	4	33
30	18	18	12	13	16	9	12	21	36	40	52	60	57	60	63	67	62	60	57	40	40	37	6	22	37
31	25	34	32	35	38	45	39	38	41	48	57	63	52	61	57	57	55	53	48	47	44	39	34	34	45
MEAN	27	29	29	29	28	26	24	27	29	38	41	45	47	50	51	51	50	49	47	40	34	30	27	28	36.3

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 3.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	27	25	24	18	14	12	15	24	24	30	34	46	56	73	72	73	71	74	72	59	48	41	****	42
2	32	33	31	29	25	19	11	9	****	10	24	31	42	47	41	47	46	43	42	53	48	43	36	34	34
3	30	25	24	23	22	19	17	30	35	37	45	41	46	46	50	52	53	54	49	30	34	29	33	30	36
4	30	36	36	33	36	34	34	34	46	58	67	70	65	66	76	75	74	76	69	61	47	39	41	44	52
5	48	46	45	48	48	47	46	42	40	34	26	28	41	41	44	46	46	41	29	26	23	20	20	18	37
6	14	11	11	12	9	9	10	12	13	13	15	16	16	15	16	16	15	14	11	7	2	2	1	2	11
7	3	5	2	4	6	5	8	9	****	****	32	24	****	20	24	26	25	27	26	25	17	11	6	10	15
8	18	29	23	26	28	23	25	31	30	27	36	28	29	34	18	****	33	****	24	18	19	13	3	7	24
9	15	13	14	14	11	5	10	21	23	25	26	26	29	39	46	36	32	31	23	14	23	23	25	25	23
10	23	25	25	24	23	14	18	7	18	16	14	15	16	15	14	7	10	17	14	9	4	5	3	9	14
11	12	13	12	13	13	12	12	13	15	16	20	23	24	25	28	27	27	24	17	6	5	2	2	3	15
12	3	6	8	8	8	8	10	10	12	15	19	25	29	30	35	33	29	29	20	16	11	13	11	11	17
13	4	4	4	2	2	2	4	9	11	15	21	26	31	35	39	46	44	43	35	34	35	35	36	41	23
14	46	47	44	42	41	36	30	34	31	28	27	27	27	24	21	19	18	19	-	19	16	16	16	17	28
15	17	16	15	14	14	14	13	12	13	13	13	12	11	11	9	10	9	11	9	11	9	10	13	11	12
16	9	10	12	13	10	9	14	17	14	1	20	26	28	30	27	24	23	19	9	6	1	1	3	2	14
17	2	9	10	6	6	5	6	11	****	****	9	11	12	****	9	21	24	28	21	16	26	****	32	41	15
18	57	63	64	78	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	******
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	22	23	23	23	19	16	16	19	23	22	26	27	31	33	34	35	34	34	30	25	22	19	19	18	24.6

PERCENTAGE OF DATA VALID - 53.9 PERCENTAGE OF DATA INVALID - 46.0 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19	****	****	****	****	****	****	****	****	****	****	11	19	22	20	22	22	20	****	10	14	17	16	13	6	******
20	5	6	12	11	12	10	8	11	17	19	24	24	29	28	30	28	26	22	11	14	22	25	30	32	19
21	32	34	34	35	34	29	22	****	****	29	34	44	44	43	46	41	31	17	11	8	****	6	1	5	28
22	1	1	7	8	7	4	2	7	12	17	20	23	24	24	23	22	18	13	1	0	1	4	4	4	10
23	6	4	4	2	2	1	2	10	13	14	18	22	20	22	24	24	23	17	1	0	1	0	4	2	10
24	6	6	1	1	7	0	0	2	6	13	22	29	28	29	35	25	22	17	5	1	2	7	16	17	12
25	22	23	25	26	26	25	16	24	****	****	40	40	49	54	55	61	65	65	52	52	54	50	53	49	42
26	47	41	40	36	34	34	29	26	30	37	25	29	30	28	30	30	23	19	8	5	10	4	4	5	25
27	6	5	1	1	10	5	4	7	16	19	23	30	28	35	41	56	50	48	42	41	36	34	40	46	26
28	34	44	42	38	37	25	14	18	25	25	31	31	36	46	32	30	34	29	25	30	28	28	26	29	31
29	26	31	24	23	20	18	17	16	19	37	41	42	46	49	48	48	40	31	20	12	5	5	1	2	26
30	2	2	2	4	7	7	7	11	12	14	17	22	23	31	31	37	29	24	12	13	19	19	20	23	16
MEAN	17	18	17	17	18	14	11	13	17	22	26	30	32	34	35	35	32	27	17	16	18	17	18	18	21.8

PERCENTAGE OF DATA VALID - 37.8 PERCENTAGE OF DATA INVALID - 62.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - OCT 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	18	20	19	19	17	12	10	18	14	26	29	20	22	20	****	****	5	3	0	0	0	D	D	13
2	0	0	0	1	0	1	0	0	1	13	4	9	24	22	****	16	15	27	6	4	4	6	11	16	8
3	15	10	3	0	0	1	1	11	****	****	****	12	****	13	3	8	11	7	5	1	5	12	19	20	8
4	19	18	15	12	12	11	10	9	15	20	26	30	34	33	36	29	21	13	10	6	1	5	11	6	17
5	8	17	12	8	19	32	22	14	21	22	20	30	35	32	33	9	3	31	26	26	32	30	26	30	22
6	30	27	29	31	35	26	23	22	24	26	27	31	30	29	29	28	26	23	32	22	12	15	18	17	26
7	19	24	26	28	29	29	25	26	29	27	23	21	19	20	21	18	19	20	16	9	13	12	14	12	21
8	13	-	19	19	19	32	20	19	21	22	23	24	23	24	23	24	23	22	19	13	3	5	4	9	18
9	14	15	15	23	23	25	10	10	11	12	-	****	18	23	14	12	15	15	12	11	13	12	10	9	15
10	7	12	-	12	14	****	3	2	****	****	****	****	****	26	27	27	19	8	4	3	2	2	4	13	11
11	4	11	10	5	13	24	9	9	18	14	19	43	15	16	****	14	14	4	5	1	2	1	4	2	11
12	1	1	1	7	4	3	1	7	5	5	6	4	3	3	3	10	5	16	16	7	5	7	11	18	6
13	8	20	12	18	21	21	21	22	23	18	17	19	21	22	22	21	17	17	16	15	14	12	13	16	18
14	18	16	16	15	10	13	13	14	16	19	21	23	22	23	22	24	23	23	29	23	18	2D	19	19	19
15	20	21	21	20	22	20	21	-	11	16	11	11	12	12	14	12	14	15	24	14	5	5	4	6	14
16	4	3	6	3	7	1	3	4	7	8	14	-	24	14	25	25	20	17	1	0	1	1	1	1	8
17	1	1	1	4	1	1	1	-	-	12	19	25	28	22	10	4	7	12	15	14	10	9	6	5	9
18	2	6	12	12	10	7	4	4	8	11	12	17	23	22	23	23	18	5	1	1	1	1	2	2	9
19	3	1	4	1	1	1	1	1	5	9	13	17	19	23	22	-	-	2	5	2	55	56	51	55	16
20	58	56	54	58	50	46	65	44	43	38	35	35	37	42	47	53	49	45	43	41	43	33	42	42	46
21	46	44	44	44	43	31	33	36	37	38	38	43	49	53	53	49	68	40	41	39	40	37	41	4D	43
22	39	39	37	36	33	28	20	15	25	32	37	41	45	49	47	43	37	10	1	0	0	0	3	12	26
23	14	15	21	28	31	26	28	27	37	40	43	44	43	44	41	36	30	16	15	18	15	9	10	8	27
24	7	8	8	7	7	5	4	6	3	****	7	7	9	10	10	9	11	8	6	4	9	-	17	19	8
25	21	24	25	24	25	24	23	22	23	22	23	21	22	22	21	18	19	23	22	24	24	25	24	24	23
26	24	24	23	22	22	21	20	17	18	19	18	-	20	-	20	20	20	21	19	19	1	17	23	18	19
27	17	18	18	18	18	16	14	17	16	20	22	24	21	22	23	18	16	15	11	8	11	17	20	21	18
28	19	18	20	20	20	20	18	19	17	15	14	12	11	11	7	7	8	5	3	4	4	7	0	D	12
29	0	0	0	0	2	2	4	4	5	6	6	6	16	4	5	4	7	4	8	6	5	6	0	1	4
30	1	3	2	2	12	4	1	1	2	8	55	21	22	17	18	17	43	3	2	2	5	2	3	3	10
31	3	3	1	2	2	2	2	1	2	7	****	****	16	17	17	14	10	10	10	7	6	1D	3	3	7
MEAN	15	16	16	16	17	16	14	14	16	18	21	23	23	23	23	20	20	16	14	11	12	12	13	14	16 7

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	3	2	5	2	2	5	2	3	5	9	14	18	19	16	11	3	2	2	1	2	2	8	19	7
2	23	22	31	33	29	21	19	15	14	16	16	13	15	15	15	13	9	11	9	10	10	9	6	9	16
3	7	7	5	5	8	5	8	10	9	12	14	22	26	29	30	28	18	4	2	10	15	13	13	-	13
4	13	14	15	17	19	17	18	20	21	20	20	22	21	21	19	21	19	20	16	15	17	15	12	18	18
5	21	19	20	16	19	18	16	13	16	23	****	29	30	51	24	20	8	1	1	3	1	1	1	1	15
6	1	0	1	1	1	1	1	1	1	13	16	19	21	23	24	12	3	2	4	3	1	0	1	1	6
7	1	1	1	1	0	0	1	1	1	2	4	5	6	3	3	4	4	5	7	7	10	13	13	17	5
8	19	20	19	18	18	-	****	12	12	14	21	23	22	22	23	22	19	18	15	12	12	12	14	21	18
9	22	23	20	19	17	16	14	10	12	19	20	23	24	18	12	8	7	5	6	-	7	7	44	9	16
10	10	6	6	2	1	27	29	21	17	11	11	11	10	11	11	****	14	16	16	10	8	5	6	1	11
11	2	1	-	7	1	0	1	0	6	11	13	16	-	18	18	16	13	14	9	6	4	3	2	0	7
12	0	2	3	-	4	3	2	2	3	5	6	7	8	11	14	8	10	8	1	0	0	1	1	1	4
13	0	0	0	0	8	8	6	2	2	5	9	10	8	7	4	1	1	0	0	0	0	0	53	27	6
14	4	3	4	6	4	6	3	1	2	9	13	13	14	15	16	15	8	7	8	7	12	14	11	9	9
15	10	10	12	11	8	7	11	6	9	15	18	****	23	21	20	19	22	13	23	36	15	35	19	20	17
16	13	20	24	25	24	21	19	42	18	20	19	18	20	22	20	20	18	****	19	27	19	18	17	17	21
17	17	15	15	14	14	10	9	9	7	8	10	****	10	10	9	11	10	20	11	10	8	7	4	5	11
18	10	11	15	13	12	17	15	14	18	19	19	21	18	19	19	16	13	6	7	5	12	7	7	10	13
19	11	13	18	14	16	18	17	17	14	14	****	****	9	16	14	15	3	5	41	28	13	4	14	1	14
20	2	2	2	2	2	2	1	11	2	2	3	3	2	15	3	16	7	12	14	17	10	10	9	10	7
21	14	19	16	18	19	17	16	7	10	18	21	29	21	21	14	10	3	-	6	11	11	9	4	4	14
22	3	4	4	3	3	3	2	3	3	17	20	16	17	13	13	13	14	16	21	18	17	18	21	26	12
23	26	26	12	1	2	2	1	2	1	3	2	3	3	3	2	2	1	1	1	1	1	1	2	1	4
24	1	-	1	2	2	1	2	2	2	2	2	11	15	10	9	13	11	13	12	12	15	****	20	16	8
25	16	14	13	13	12	15	8	5	11	7	11	17	17	17	15	17	17	17	17	16	13	11	10	9	13
26	6	2	2	2	2	3	4	6	6	9	12	9	7	9	12	20	20	15	24	22	23	26	24	25	12
27	24	24	24	26	26	23	22	21	14	****	23	25	22	18	19	18	18	20	19	20	19	16	16	15	21
28	14	19	18	18	17	9	4	3	4	3	7	15	35	18	23	20	21	25	33	23	23	32	21	****	18
29	****	19	17	16	****	****	17	15	15	19	19	19	20	18	17	****	-	****	19	26	18	18	17	17	18
30	18	18	18	19	19	18	14	14	10	16	17	16	16	14	15	18	16	18	17	16	17	18	17	15	16
MEAN	11	12	12	11	11	10	10	10	9	12	13	16	16	17	15	15	11	11	13	13	11	11	14	12	12.2

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	19	20	19	18	16	16	14	17	15	14	14	12	12	****	4	4	5	5	11	11	12	7	13
2	5	4	3	4	14	17	21	20	21	21	21	23	23	24	21	23	29	24	23	24	23	22	20	22	19
3	22	23	23	26	24	25	22	22	21	12	26	29	28	26	24	15	****	22	24	20	22	23	21	21	23
4	23	21	17	15	13	11	11	10	11	16	19	21	19	20	20	16	17	18	15	18	19	17	16	16	17
5	18	17	19	20	22	21	20	16	21	24	22	18	10	7	3	6	28	43	16	17	20	41	23	23	20
6	22	22	23	25	27	26	24	21	23	26	26	26	27	26	26	18	16	14	17	15	24	16	16	12	22
7	10	9	9	11	11	9	9	7	4	7	8	12	11	13	14	12	7	8	6	10	13	12	20	17	10
8	15	18	17	15	11	5	4	18	20	20	19	19	20	21	21	22	23	24	****	20	20	19	22	23	18
9	22	22	22	23	24	24	21	23	24	23	22	23	25	23	24	27	27	26	24	23	23	17	13	13	22
10	20	23	23	22	24	23	15	8	10	18	20	18	24	21	17	11	11	9	12	17	18	16	12	13	17
11	14	15	13	3	1	2	2	2	2	2	3	4	2	1	2	2	2	2	1	10	19	20	24	23	7
12	25	26	23	23	25	24	24	22	25	21	16	13	10	5	9	10	13	16	17	18	19	21	23	23	19
13	25	25	26	25	24	23	24	20	13	16	17	17	12	7	5	2	8	11	4	1	7	7	9	10	14
14	12	11	12	15	12	10	8	3	4	12	****	15	16	****	16	****	8	6	7	9	8	5	10	11	10
15	17	11	13	14	12	2	0	2	6	14	15	17	18	20	18	16	11	11	8	4	16	22	23	21	13
16	20	17	17	17	16	16	15	15	17	18	18	19	19	19	17	14	16	18	15	14	19	20	20	22	17
17	24	24	25	25	25	24	21	19	19	10	****	21	21	24	23	21	23	22	21	16	4	3	6	17	19
18	19	23	22	22	20	19	15	11	16	22	25	25	23	22	20	18	12	14	12	8	5	3	4	3	16
19	4	7	7	7	7	7	17	17	15	18	20	22	22	23	21	17	7	4	13	11	5	4	4	4	12
20	4	4	4	4	5	4	5	5	6	8	10	10	11	10	9	5	4	4	4	5	5	3	4	4	6
21	4	5	4	4	5	5	4	4	4	6	9	11	15	16	11	6	4	4	4	4	4	5	4	4	6
22	4	3	4	4	5	4	4	4	4	6	6	8	10	7	6	4	4	4	4	4	4	3	3	3	5
23	3	3	3	4	3	3	4	3	4	4	4	4	4	3	4	3	3	3	4	4	5	5	6	8	4
24	7	4	4	4	4	4	4	4	4	****	3	2	3	2	1	2	1	1	1	1	1	1	2	2	3
25	1	1	2	2	2	2	5	6	6	7	7	7	9	9	11	10	10	11	10	-	9	8	9	9	7
26	11	12	12	13	13	14	13	13	12	12	12	12	11	11	10	9	6	6	8	7	7	6	8	8	10
27	9	11	10	10	9	10	9	9	10	9	9	12	13	14	15	14	13	15	15	15	18	17	18	19	13
28	18	17	17	16	17	19	19	17	18	19	18	17	18	18	17	15	15	16	16	15	16	17	17	18	17
29	19	18	19	19	20	21	21	17	18	19	19	19	18	18	18	17	15	14	15	14	18	16	18	18	18
30	19	19	19	19	18	16	17	18	20	22	25	25	25	25	26	25	23	21	23	21	16	13	13	15	20
31	16	18	18	18	17	18	14	13	12	17	18	21	21	21	17	16	14	13	13	16	17	19	20	-	17
MEAN	14	15	14	14	14	14	13	12	13	15	16	16	16	16	15	13	12	13	12	12	13	13	14	14	13.9

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	11.6	27	79
FEB	28	23.4	32	48
MAR	21	26.4	46	65
APR	30	26.7	44	63
MAY	31	28.2	58	76
JUN	30	39.1	84	114
JUL	30	36.3	71	107
AUG	17	24.6	52	78
SEP	11	21.8	42	65
OCT	31	16.7	46	68
NOV	30	12.2	21	53
DEC	31	13.9	23	43
YEAR	319	23.4	84	114

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	367	318	5	2	0	0	0	0	692
FEB	63	491	115	0	0	0	0	0	669
MAR	108	185	217	22	0	0	0	0	532
APR	46	408	235	11	0	0	0	0	700
MAY	60	386	239	40	0	0	0	0	725
JUN	61	235	192	158	41	6	0	0	693
JUL	78	217	218	185	14	2	0	0	714
AUG	80	202	92	27	0	0	0	0	401
SEP	76	126	60	10	0	0	0	0	272
OCT	256	367	77	14	0	0	0	0	714
NOV	300	383	10	2	0	0	0	0	695
DEC	256	476	2	0	0	0	0	0	734
YEAR	1751	3794	1462	471	55	8	0	0	7541

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
		CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									
86.1	0	4.0	12.6	20.2	28.2	44.5	55.2	68.0	78.1	114	23 4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE ND 71057 MICHIPICOTEN AV LOT 38,TOWN OF MISSION MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	31	18	7	9	24	32	32	34	37	******
26	39	34	31	21	22	28	29	29	29	25	25	26	26	26	27	26	28	28	28	29	29	26	16	14	27
27	****	****	25	27	28	28	28	29	30	31	32	34	31	****	****	40	38	36	36	35	35	35	35	34	32
28	34	34	34	32	34	34	34	34	35	35	34	34	32	32	34	34	34	34	35	35	33	32	33	32	34
29	31	27	17	14	14	14	17	26	30	31	33	33	34	34	36	37	39	41	41	36	18	8	11	16	27
30	18	22	23	25	24	23	26	28	32	36	39	40	41	41	41	41	41	40	40	37	23	19	18	16	31
MEAN	31	29	26	24	24	25	27	29	31	32	33	33	33	33	32	35	33	31	32	33	28	25	25	25	29.5

PERCENTAGE OF DATA VALID - 17.5 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 81.9

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE ND 71057 MICHIPICOTEN AV LOT 38,TOWN OF MISSION MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	14	13	11	10	9	22	35	45	45	44	42	42	42	40	39	41	36	22	20	20	17	15	27
2	16	13	14	19	23	****	18	23	34	38	41	41	42	44	42	43	45	44	43	37	24	25	42	41	33
3	42	41	35	27	21	10	6	15	****	25	30	39	41	39	32	29	29	30	29	27	29	32	34	32	29
4	22	19	****	24	27	32	28	33	34	33	32	31	28	29	30	31	31	34	32	31	28	16	10	3	27
5	2	1	0	2	3	3	6	16	28	32	35	38	35	32	34	35	34	37	39	37	24	9	6	20	21
6	18	17	17	****	****	****	****	****	****	****	****	****	****	****	41	43	44	42	43	41	23	21	23	32	******
7	33	31	32	32	33	34	35	35	34	35	43	45	55	58	60	63	65	66	63	38	77	76	76	73	50
8	64	60	63	62	57	37	37	23	40	50	59	59	****	29	33	41	23	13	7	39	****	52	50	42	43
9	27	25	25	11	****	****	23	28	27	24	21	21	26	27	28	27	25	22	19	20	19	19	22	25	23
10	23	24	18	20	17	17	15	13	16	20	20	21	25	21	19	34	19	18	17	15	14	20	13	22	19
11	23	19	17	15	13	13	13	17	21	22	26	32	28	23	18	15	16	19	21	24	26	26	26	20	21
12	25	12	9	19	24	25	26	26	25	26	30	30	31	32	35	36	37	37	36	36	37	35	18	7	27
13	4	2	2	1	2	4	10	20	31	34	34	36	35	36	37	40	44	43	35	28	24	10	33	38	24
14	34	36	41	41	41	39	36	32	36	35	33	37	36	35	41	55	48	48	41	39	42	20	11	6	36
15	4	2	3	4	4	2	2	21	30	31	32	31	29	34	33	30	30	29	30	30	19	8	1	2	18
16	6	3	2	1	1	****	0	13	24	26	26	25	27	30	29	34	29	30	33	28	9	10	11	8	18
17	21	24	37	27	20	17	20	48	57	58	64	64	68	61	63	69	71	71	71	70	70	70	69	69	53
18	68	67	67	71	64	58	54	54	55	53	53	55	57	65	67	55	52	54	59	46	54	59	57	52	58
19	34	29	52	57	58	55	53	53	48	46	42	37	35	37	38	39	38	35	35	35	31	24	28	29	40
20	18	19	20	18	15	12	13	15	17	18	19	18	21	19	21	17	20	21	21	20	17	19	22	23	18
21	22	23	24	25	25	21	22	26	30	32	34	37	38	37	38	37	36	37	36	40	24	6	4	6	28
22	7	6	4	2	2	3	6	12	21	26	27	29	32	34	35	38	****	35	36	32	21	8	10	15	19
23	13	13	18	****	****	4	10	25	40	49	53	47	52	43	45	37	44	48	46	36	21	11	4	3	30
24	8	6	6	6	5	6	11	26	46	39	42	44	49	42	41	38	36	34	34	34	19	7	0	1	24
25	4	4	4	5	5	4	7	30	34	38	38	39	41	38	38	37	35	34	34	32	20	12	2	8	23
26	12	6	12	14	19	23	30	29	28	30	31	35	38	38	37	36	36	35	28	24	15	13	12	21	25
27	18	20	18	16	19	20	19	20	20	21	20	20	22	22	23	23	25	25	23	19	7	3	11	19	19
28	21	12	4	5	6	14	19	22	26	25	24	23	29	29	29	30	29	30	31	29	19	12	11	9	20
29	2	3	3	4	8	11	9	20	24	25	24	29	27	27	27	37	30	32	34	29	15	5	4	7	18
30	9	8	6	****	****	12	12	21	32	38	39	33	34	34	34	37	36	39	39	36	11	2	4	5	24
31	5	4	5	3	5	11	15	15	9	18	34	39	42	43	41	39	25	23	28	26	21	16	14	23	21
MEAN	20	18	19	19	20	18	19	25	31	33	35	36	37	36	36	38	36	36	35	32	26	21	21	22	28.0

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 3.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 71057 MICHIPICOTEN AV LOT 38.TOWN OF MISSION MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	37	46	43	46	45	50	59	59	55	44	37	36	29	24	18	17	18	22	22	22	23	9	5	6	32
2	9	9	8	9	10	11	15	21	24	29	33	39	44	44	45	47	47	46	46	41	19	10	10	37	27
3	39	28	11	13	14	35	44	43	43	45	45	45	48	49	49	51	52	52	47	48	40	18	12	12	37
4	13	12	11	8	6	****	14	25	38	48	54	55	54	53	53	53	49	39	25	16	26	31	40	35	33
5	16	8	8	6	2	1	14	20	21	22	24	26	34	27	25	25	26	28	28	28	18	2	3	4	17
6	1	2	1	0	0	1	2	8	20	25	28	30	36	37	38	38	35	33	41	42	29	36	28	25	22
7	39	35	27	27	28	23	26	35	37	45	58	62	68	68	68	66	56	43	51	63	65	64	66	62	49
8	57	49	39	33	41	46	43	40	34	30	38	39	45	44	45	45	44	43	41	46	43	28	23	16	40
9	13	3	11	32	3	2	6	8	12	19	28	22	19	21	24	28	29	29	23	25	24	18	11	8	17
10	7	5	7	8	7	18	23	22	21	25	26	21	19	22	26	37	39	34	29	26	24	22	20	7	21
11	10	3	16	22	15	13	16	20	26	29	29	28	26	26	27	26	27	26	26	27	26	10	3	5	20
12	6	4	0	0	1	1	7	14	18	20	21	23	24	25	28	31	34	32	31	32	27	12	7	8	17
13	4	4	1	3	4	5	5	14	23	35	39	42	38	39	40	40	40	43	42	40	17	6	1	3	22
14	7	16	37	43	40	38	44	47	48	50	52	54	68	71	71	68	73	76	79	81	82	98	100	94	60
15	90	83	77	74	70	76	55	63	62	61	61	62	62	62	61	63	64	60	57	55	55	58	56	51	64
16	25	25	26	26	26	27	29	29	33	36	41	41	54	54	54	52	52	47	36	23	26	23	25	23	35
17	52	38	28	15	8	7	23	24	25	34	36	44	41	40	39	37	37	36	34	28	19	21	13	4	28
18	5	4	3	****	1	0	2	8	12	13	15	16	20	22	22	22	25	****	-	-	-	-	-	-	12
19	-	-	-	-	-	-	-	****	8	11	18	21	31	****	38	37	40	44	40	34	41	43	50	50	******
20	42	30	39	29	****	****	54	51	47	38	31	40	44	42	48	47	45	44	45	45	51	54	48	46	44
21	49	49	47	44	41	38	35	33	34	34	34	31	31	31	32	34	35	32	29	26	23	20	18	18	33
22	16	13	13	13	13	13	14	13	14	15	16	17	17	15	15	15	16	16	19	21	22	20	21	23	16
23	27	26	26	25	21	18	17	17	17	19	20	25	25	30	40	40	38	35	37	35	18	13	5	2	24
24	8	11	6	8	7	6	7	14	23	23	27	29	29	29	32	32	36	37	38	43	35	12	3	5	21
25	8	6	6	5	3	3	5	16	26	30	31	33	36	36	36	39	42	46	46	46	44	39	37	34	27
26	46	47	47	45	45	46	44	42	42	42	46	48	53	50	49	53	57	60	61	60	60	59	56	57	51
27	56	56	55	53	****	****	51	51	48	45	37	30	28	23	23	23	24	25	26	27	28	28	16	6	35
28	2	2	3	3	3	3	14	18	21	26	27	27	27	29	31	31	32	32	29	29	11	4	2	2	17
29	0	0	0	0	1	2	9	19	25	32	35	35	34	34	34	32	32	35	36	37	41	28	10	7	22
30	2	3	3	4	5	5	8	13	17	20	24	26	29	29	29	28	27	28	23	21	21	20	19	21	18
MEAN	24	21	21	21	17	19	24	27	29	32	34	35	37	37	38	39	39	39	37	37	33	28	24	23	29.9

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 1.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 71057 MICHIPICOTEN AV LOT 38.TOWN OF MISSION MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	22	22	23	24	25	25	27	27	25	25	27	27	26	24	23	24	24	24	22	22	21	16	10	23
2	19	23	25	21	13	21	24	27	30	34	38	36	32	31	32	32	32	33	33	32	14	5	2	1	25
3	2	2	2	2	4	6	7	10	19	23	23	21	22	22	23	26	27	28	30	30	24	11	5	3	16
4	5	14	16	13	****	****	17	21	27	30	34	32	32	34	37	37	37	36	35	34	27	16	7	3	25
5	0	0	4	4	4	4	7	17	27	31	28	26	30	31	34	31	32	33	35	36	30	14	9	11	20
6	4	4	3	3	3	3	4	16	29	35	37	36	34	34	35	34	36	38	36	36	29	13	6	3	21
7	3	3	3	3	3	3	3	14	29	34	37	37	37	38	41	45	48	48	48	47	41	18	5	4	25
8	2	2	2	4	5	3	3	22	43	50	58	63	66	65	64	64	66	70	70	70	49	21	11	6	37
9	5	4	4	4	4	3	4	28	65	69	74	75	79	80	78	79	****	****	****	****	****	****	20	22	39
10	12	10	8	8	10	8	8	40	64	74	75	74	80	81	78	76	74	73	71	71	70	70	70	69	53
11	67	70	70	68	64	57	49	44	43	49	****	****	58	57	56	55	56	57	56	55	53	51	45	45	56
12	53	36	16	8	2	2	2	4	22	41	38	37	39	42	44	43	44	44	43	38	13	3	0	1	26
13	0	0	0	0	0	0	1	4	25	38	47	56	58	62	64	66	69	72	77	66	29	13	4	3	31
14	2	11	24	41	61	62	55	58	57	56	57	56	55	56	54	49	47	45	46	46	46	42	33	31	45
15	24	20	16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
16													- DATA INVALID -												
17	****	****	****	****	****	****	****	****	****	****	****	18	19	19	19	20	23	25	27	28	27	27	28	26	******
18	6	3	1	1	0	2	2	11	25	27	****	****	28	33	33	30	30	30	29	27	30	27	25	11	19
19	10	9	3	1	7	39	41	41	40	39	40	40	41	42	42	42	45	49	49	47	44	45	46	44	35
20	40	40	33	25	20	17	16	24	24	22	25	33	39	40	41	41	42	42	43	43	34	6	1	0	29
21	4	20	14	3	0	0	0	14	35	38	43	49	49	48	49	50	53	53	53	53	50	52	38	37	34
22	44	42	39	42	26	20	12	10	12	13	14	13	16	16	16	17	18	20	20	15	9	6	2	3	19
23	4	4	4	4	4	0	0	8	28	38	49	61	63	61	57	63	66	68	67	57	27	36	34	49	36
24	61	64	81	76	74	73	72	74	73	****	****	****	****	74	77	76	73	69	71	64	47	40	48	22	65
25	7	7	14	14	****	15	15	15	16	16	17	16	16	16	19	18	18	17	16	14	14	13	11	8	14
26	4	5	3	0	0	1	4	5	10	14	17	22	23	23	22	22	17	17	16	16	13	5	3	4	11
27	5	5	4	3	4	4	4	6	9	14	17	19	20	19	19	18	17	21	20	20	16	4	0	0	11
28	1	1	2	3	3	9	19	24	22	20	21	23	23	23	28	35	40	42	35	34	32	32	33	35	23
29	35	37	33	34	33	31	31	34	39	41	34	35	38	38	40	42	46	50	52	43	24	10	6	4	34
30	2	3	5	6	6	9	10	12	26	34	41	42	39	36	34	37	40	32	30	42	46	44	42	42	28
31	42	39	38	32	30	27	19	17	19	21	23	24	27	23	19	21	19	19	18	18	18	18	18	10	23
MEAN	17	17	17	16	16	16	16	22	32	34	36	37	39	40	41	41	41	41	41	39	31	24	20	17	28 8

PERCENTAGE OF DATA VALID - 90.2 PERCENTAGE OF DATA INVALID - 9.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 71057 MICHIPICOTEN AV LOT 38,TOWN OF MISSION MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	1	1	****	3	4	6	14	18	24	26	27	28	27	27	27	27	27	23	16	6	0	0	15
2	0	0	0	0	2	3	8	8	15	20	21	23	22	30	34	36	37	35	36	37	18	4	4	6	17
3	14	9	3	1	18	17	6	10	22	29	38	41	40	41	44	44	44	41	38	37	39	38	32	11	27
4	3	3	3	5	4	5	4	4	4	3	3	6	10	9	9	8	7	8	9	5	4	3	3	3	5
5	1	0	0	0	0	0	0	7	11	13	15	19	17	20	23	24	23	23	22	11	3	1	1	1	10
6	1	0	0	0	0	0	1	4	7	12	23	24	22	21	20	20	24	26	23	11	12	19	24	27	13
7	24	17	25	25	24	25	19	22	31	31	29	29	29	27	28	30	30	30	32	31	30	31	32	34	28
8	21	8	5	3	****	0	2	9	13	22	23	25	22	22	23	24	23	22	20	10	5	1	2	2	13
9	0	0	1	0	1	1	1	6	11	16	16	16	15	17	19	18	18	21	18	9	0	0	0	5	9
10	8	4	5	4	5	10	10	12	12	12	12	14	18	20	22	23	24	24	23	18	8	1	3	13	13
11	8	3	1	1	0	0	0	6	11	16	17	20	22	22	21	25	27	26	28	27	31	26	10	0	15
12	1	2	5	1	1	2	2	8	18	24	29	32	35	35	38	37	38	40	41	47	51	52	51	54	27
13	48	46	47	50	45	43	43	41	39	35	35	34	31	34	32	33	33	30	32	30	21	14	10	8	34
14	10	10	9	9	17	24	19	16	16	16	15	8	11	11	13	14	15	23	26	25	24	23	20	11	16
15	4	5	5	9	****	12	14	17	19	28	32	32	37	30	29	28	27	25	24	20	5	2	1	0	18
16	0	0	0	0	0	0	0	3	10	22	21	22	28	30	32	32	31	31	27	22	7	0	0	2	13
17	2	1	6	28	21	20	28	34	34	31	27	23	26	26	28	28	28	26	23	14	10	6	5	5	20
18	5	13	25	25	27	25	24	29	37	40	38	38	42	42	44	41	39	38	34	34	34	34	35	35	32
19	35	35	35	35	37	36	39	41	37	35	31	32	36	38	37	36	37	36	36	30	19	3	1	2	31
20	0	0	0	0	0	0	0	3	7	13	20	24	23	19	19	21	21	23	24	21	14	10	11	13	12
21	8	8	9	11	13	14	14	14	13	11	13	16	19	18	17	17	18	19	19	14	1	1	1	0	12
22	0	0	0	****	1	1	4	9	14	18	21	22	23	19	18	18	18	15	5	2	3	10	30	39	13
23	49	47	32	26	23	19	19	26	24	23	23	22	28	27	19	18	21	22	17	15	12	17	14	14	23
24	16	9	12	12	20	32	35	34	34	33	32	33	31	17	12	7	7	10	16	18	18	16	16	17	20
25	17	13	7	3	2	2	3	3	3	2	10	14	16	15	15	16	20	19	22	19	17	13	3	3	11
26	2	2	2	2	3	3	6	7	8	13	28	33	36	41	37	35	37	40	37	23	34	16	5	5	19
27	2	6	14	25	31	23	9	18	19	19	22	21	20	20	20	22	23	25	23	19	5	1	2	2	16
28	2	2	2	2	1	1	2	3	7	17	21	21	****	****	13	15	19	21	19	20	15	12	20	21	12
29	21	23	24	26	****	****	20	21	21	22	22	21	21	21	21	20	18	18	17	16	16	16	17	15	20
30	17	15	14	13	7	5	3	4	6	6	7	7	9	10	10	9	9	10	11	5	1	0	0	0	7
31	0	0	0	0	0	0	1	2	3	3	2	6	11	9	6	6	6	12	11	5	10	12	16	8	5
MEAN	10	9	9	11	11	11	11	14	17	19	22	23	24	24	24	24	24	25	24	20	16	13	12	11	17.0

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 71057 MICHIPICOTEN AV LOT 38,TOWN OF MISSION MONTH - SEP 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	18	23	21	17	14	16	15	19	23	24	26	26	29	34	35	35	31	35	38	35	31	36	39	26
2	37	33	34	37	32	27	25	25	26	20	18	16	18	15	15	15	12	4	5	7	7	9	8	8	19
3	9	9	9	6	3	3	2	4	7	8	9	10	9	9	9	9	9	8	8	8	5	0	0	0	6
4	0	0	0	0	0	0	0	1	4	9	11	12	13	13	14	15	15	12	14	12	13	14	16	18	9
5	19	18	18	19	****	20	20	16	16	16	18	20	23	25	27	27	28	30	27	32	23	17	17	17	21
6	20	15	12	12	11	9	5	7	7	4	6	8	11	11	6	4	5	6	7	7	7	8	8	7	8
7	7	5	4	3	1	1	1	5	8	11	12	12	11	11	12	12	13	13	10	2	0	1	1	2	7
8	2	1	1	1	1	2	2	3	7	14	15	16	15	15	15	15	15	14	15	11	4	3	2	3	8
9	4	5	6	7	5	6	10	14	12	11	12	13	14	14	16	18	19	20	17	7	3	4	5	6	10
10	4	4	7	10	11	11	10	10	11	12	11	11	12	12	12	13	13	13	5	1	1	9	1	2	9
11	2	2	3	2	3	3	2	5	6	8	9	10	9	9	10	6	6	4	2	4	6	5	5	6	5
12	6	5	6	****	****	5	5	5	5	4	5	7	9	9	10	11	10	9	8	4	1	1	2	3	6
13	4	5	6	6	5	6	8	6	7	8	10	11	11	12	13	12	13	14	13	12	9	1	1	1	8
14	0	0	0	0	0	0	2	3	3	4	7	7	8	9	9	9	9	9	9	11	11	9	9	8	6
15	12	12	13	13	13	13	12	12	11	11	11	11	13	13	14	12	12	11	2	1	0	1	2	3	10
16	2	2	1	1	1	1	0	0	2	7	10	12	15	16	17	16	16	16	16	17	19	23	23	22	11
17	21	21	21	21	20	20	19	19	19	19	20	23	23	24	24	24	23	22	22	24	29	29	27	25	22
18	25	24	24	20	17	13	12	7	6	8	9	11	14	14	15	15	15	14	14	14	11	8	3	3	13
19	1	1	1	1	****	0	0	****	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	9	9	10	10	9	8	8	9	10	11	12	13	14	14	15	15	15	14	13	12	10	10	9	10	11.2

PERCENTAGE OF DATA VALID - 60.4 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 38.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 71057 MICHIPICOTEN AV LOT 38,TOWN OF MISSION

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR	5	29.5	34	41
MAY	30	28.0	58	77
JUN	29	29.9	64	100
JUL	28	28.8	65	81
AUG	31	17.0	34	54
SEP	18	11.2	26	39
YEAR	141	24.0	65	100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 71057 MICHIPICOTEN AV LOT 38,TOWN OF MISSION

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN		DATA UNAVAILABLE							
FEB		DATA UNAVAILABLE							
MAR		DATA UNAVAILABLE							
APR	3	54	69	0	0	0	0	0	126
MAY	108	308	237	67	0	0	0	0	720
JUN	119	263	226	83	7	0	0	0	698
JUL	160	220	189	100	2	0	0	0	671
AUG	270	341	121	4	0	0	0	0	736
SEP	223	196	16	0	0	0	0	0	435
YEAR	883	1382	858	254	9	0	0	0	3386

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
77.1	0	2.4	12.0	21.6	31.8	45.8	56.7	68.8	73.4	100	24.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	10	11	13	****	-	-	-	-	-	-	13	12	11	11	10	11	14	13	14	14	14	14	14	12
2	14	14	12	12	12	14	12	11	11	9	10	11	10	12	12	8	3	0	0	0	-	-	-	1	9
3	5	1	3	1	2	4	8	2	3	8	8	12	15	15	16	14	16	18	19	19	19	20	20	20	11
4	21	21	20	19	18	17	14	11	10	10	13	13	13	15	13	10	8	8	12	13	14	13	13	15	14
5	15	15	17	19	18	18	18	16	15	16	18	19	19	38	35	18	18	19	16	17	19	19	****	19	19
6	18	20	22	22	22	23	23	22	21	20	20	19	19	21	21	20	17	16	18	20	19	19	15	15	20
7	18	16	16	16	15	14	11	3	4	3	7	11	11	9	10	5	1	0	0	0	0	0	0	1	7
8	2	3	2	8	10	8	10	2	3	4	7	8	****	****	8	6	3	6	9	12	9	9	11	16	7
9	19	20	18	17	15	18	16	15	11	12	13	13	13	13	15	13	8	4	8	11	12	13	9	12	13
10	12	11	10	12	10	11	12	8	8	10	12	****	21	****	10	9	3	1	2	2	3	5	****	6	8
11	8	5	6	5	0	5	0	0	0	1	3	5	7	7	6	5	1	0	-	-	-	0	0	0	3
12	0	0	0	1	2	3	4	2	1	3	3	3	7	11	12	9	6	4	-	-	4	6	9	7	4
13	5	6	8	9	11	10	10	9	9	-	9	9	8	8	6	6	7	7	9	9	10	10	11	10	9
14	11	11	11	11	10	10	12	11	12	13	16	17	18	16	15	12	11	10	8	12	14	14	15	13	13
15	15	17	15	15	15	13	11	5	2	9	25	13	16	11	12	10	13	15	18	18	16	14	19	16	14
16	14	14	13	12	12	10	8	5	4	3	8	10	10	12	13	12	3	0	0	0	0	0	0	0	7
17	0	0	1	7	11	11	10	8	9	11	10	12	13	8	7	11	10	10	11	11	11	11	11	11	9
18	12	11	10	12	10	11	13	13	10	10	-	-	11	11	10	9	6	2	4	2	1	0	1	1	8
19	1	0	1	0	1	1	1	2	2	4	6	****	-	6	6	6	5	5	7	5	6	4	6	6	4
20	9	10	13	14	16	16	15	15	15	13	13	13	12	10	11	13	11	10	12	12	11	11	12	12	12
21	12	11	12	14	15	14	14	14	14	13	14	13	13	13	12	13	14	14	13	13	12	12	13	13	13
22	13	15	15	14	14	-	15	17	16	16	16	16	17	16	14	13	9	****	11	10	11	12	14	13	14
23	12	11	13	11	7	1	0	0	1	3	6	7	9	8	9	7	4	3	4	3	6	6	3	6	6
24	11	12	13	14	13	14	12	10	-	-	10	9	8	6	8	8	7	9	10	10	12	12	10	14	11
25	16	14	14	17	16	15	15	13	9	10	12	8	11	10	11	11	10	10	11	10	10	9	9	10	12
26	10	12	13	12	12	12	12	10	10	10	10	10	7	11	8	6	8	8	10	10	9	11	9	9	10
27	11	13	11	12	12	10	11	11	9	10	10	10	11	9	9	8	7	6	8	9	11	10	11	11	10
28	11	11	10	11	12	13	12	13	13	13	14	13	13	13	13	13	13	13	15	14	14	15	15	15	13
29	15	15	17	16	17	16	17	17	16	16	16	14	****	****	****	****	****	****	****	****	****	****	****	****	******
30												- DATA INVALID -													
31	****	****	****	****	****	****	****	****	****	****	10	11	14	12	13	13	13	13	15	18	19	18	17	18	******
MEAN	11	11	11	12	12	12	11	9	9	10	11	12	13	12	12	10	8	8	10	10	11	10	10	10	10.7

PERCENTAGE OF DATA VALID - 89.8 PERCENTAGE OF DATA INVALID - 7.4 PERCENTAGE OF DATA UNAVAILABLE - 2.8

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	17	18	18	17	18	18	18	18	20	19	20	20	19	18	18	20	20	21	21	22	21	19	19
2	20	20	19	19	19	18	18	18	16	15	17	14	18	18	16	12	7	1	0	1	2	3	0	0	12
3	0	0	0	0	1	1	0	0	1	4	7	10	11	10	8	5	3	0	0	0	3	6	10	10	4
4	17	13	19	18	19	17	16	14	14	14	15	17	18	17	16	14	12	10	16	17	16	17	17	18	16
5	19	18	19	19	18	15	16	15	16	17	17	14	14	14	4	63	-	8	9	11	8	11	12	7	16
6	5	8	12	1	1	3	4	3	1	6	10	12	13	12	11	11	11	9	10	12	14	14	13	14	9
7	16	17	17	18	19	17	15	13	10	6	13	14	15	14	13	13	11	11	14	15	15	17	16	17	14
8	18	17	17	17	15	15	13	14	****	13	13	16	16	15	14	14	14	14	15	17	18	17	17	16	15
9	17	17	16	16	16	15	14	12	10	14	16	15	15	13	13	16	7	3	1	0	1	1	1	0	10
10	0	1	5	9	10	9	8	6	9	12	13	15	14	14	13	13	13	14	14	13	11	11	12	12	10
11	12	11	9	8	9	10	9	7	7	6	10	12	14	14	14	12	9	17	17	12	7	11	10	7	11
12	11	7	1	0	0	3	5	10	14	15	16	32	14	14	13	12	11	11	11	10	12	13	12	11	11
13	13	14	13	15	15	16	15	14	10	14	15	15	16	15	13	14	9	5	****	0	0	0	0	2	11
14	0	0	0	1	5	9	11	6	5	8	11	14	15	12	58	11	9	9	9	9	7	9	9	10	10
15	11	9	7	9	12	13	11	7	8	10	11	12	13	12	12	13	12	13	-	14	14	15	15	15	12
16	14	14	14	14	14	14	15	14	13	13	14	14	14	9	12	12	12	13	12	13	10	10	12	14	13
17	-	16	13	14	6	10	11	11	14	17	16	14	18	-	18	17	14	9	12	11	10	4	3	3	12
18	0	2	0	0	0	0	0	0	2	4	8	13	12	12	12	13	11	4	0	0	-	0	0	****	4
19	****	0	****	0	0	0	0	0	1	3	6	11	17	16	17	37	23	23	23	20	17	21	25	25	13
20	27	28	30	29	27	18	10	6	10	17	21	26	31	35	37	38	37	36	37	33	23	16	6	4	24
21	5	10	16	17	16	18	17	12	8	3	6	10	10	7	5	3	3	1	1	5	5	9	11	13	9
22	17	14	15	18	17	16	15	15	13	18	16	18	17	16	15	15	12	2	0	2	3	3	5	4	12
23	11	14	19	19	21	20	20	15	20	22	18	17	22	****	20	18	14	11	8	8	14	16	19	19	17
24	22	25	25	20	20	18	14	14	13	13	13	13	13	12	12	13	12	11	14	13	13	14	13	13	15
25	12	13	12	13	13	12	13	12	13	13	16	16	17	17	15	15	14	14	16	15	14	13	13	13	14
26	14	15	13	13	14	15	15	12	12	16	17	17	15	16	12	15	14	****	11	14	13	14	15	15	14
27	15	16	17	17	17	17	16	12	12	16	22	21	24	25	25	21	13	11	9	22	21	19	17	20	18
28	22	26	24	26	26	26	23	13	13	19	25	26	26	17	44	32	18	18	20	18	18	20	20	19	22
MEAN	13	13	14	13	13	13	12	10	10	12	14	16	17	15	17	18	13	11	12	12	11	12	12	12	13.1

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "***" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - MAR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	18	18	****	21	21	20	17	18	18	17	17	17	17	16	15	14	15	16	17	16	16	15	15	17
2	18	18	18	19	20	19	19	12	12	14	19	20	****	25	21	18	24	-	****	28	29	27	24	16	20
3	27	33	35	35	34	32	25	15	17	15	12	14	14	16	20	18	14	6	3	6	11	17	21	18	19
4	28	29	30	25	20	20	15	15	16	16	17	16	18	23	24	24	23	27	28	22	21	8	22	21	21
5	23	19	16	14	13	15	14	14	13	15	18	39	19	21	20	18	15	16	19	20	20	20	19	21	18
6	21	21	20	19	18	16	10	4	3	7	12	17	18	24	24	23	22	21	24	26	25	23	22	23	18
7	-	****	24	22	23	22	21	17	16	20	22	****	25	24	23	19	15	13	13	13	12	12	13	13	18
8	15	16	15	16	17	17	17	16	15	16	17	17	17	15	15	15	15	14	11	6	14	16	17	15	15
9	15	19	18	16	20	19	16	12	9	14	17	18	13	20	27	18	16	18	22	20	23	24	25	22	18
10	21	22	20	14	12	16	20	19	19	23	25	24	23	22	21	18	21	19	17	16	17	16	17	18	19
11	18	16	16	17	17	17	18	17	17	16	17	18	18	17	18	19	19	17	16	17	17	15	17	18	17
12	19	20	21	21	19	21	20	21	21	19	21	21	31	****	19	21	17	14	19	21	23	23	-	20	21
13	26	24	23	24	25	25	24	20	17	19	24	26	25	23	23	22	21	16	10	9	3	2	1	7	18
14	14	19	16	15	18	17	18	19	20	15	15	21	21	20	21	21	23	23	22	22	23	23	23	20	20
15	20	21	22	20	21	22	22	21	20	21	22	21	20	20	20	17	16	19	20	19	21	20	21	22	20
16	22	23	25	24	24	-	22	18	20	22	28	5	32	32	30	28	28	30	31	30	19	16	17	25	24
17	16	4	6	20	22	24	15	15	21	24	28	36	37	40	37	30	31	35	26	24	14	21	33	24	24
18	1	1	1	3	9	19	22	23	29	32	34	37	39	39	33	34	37	35	32	14	2	1	7	4	20
19	3	12	23	21	22	22	16	12	19	23	24	****	24	26	25	22	19	17	7	2	6	0	2	6	15
20	7	14	10	3	12	16	14	8	8	16	20	24	28	29	31	29	23	-	****	4	5	****	13	1	15
21	0	3	1	6	7	0	1	3	5	11	18	27	23	26	33	35	30	32	27	28	24	25	20	22	17
22	20	20	18	16	18	15	14	9	8	13	20	22	26	24	24	23	20	21	3	7	13	7	7	0	15
23	0	0	1	4	10	13	16	11	16	20	17	59	20	38	44	32	26	26	25	26	37	11	3	10	19
24	11	18	30	31	32	27	28	26	21	13	13	13	13	13	12	11	10	10	9	10	12	13	14	15	17
25	16	16	16	16	15	16	16	15	14	14	14	14	14	14	15	15	16	16	16	16	16	17	17	16	15
26	17	18	16	19	19	19	20	19	19	18	17	19	20	74	48	17	19	21	23	21	24	25	25	25	23
27	25	25	25	25	25	24	24	24	24	24	24	24	24	22	22	21	22	23	24	23	20	20	22	19	23
28	19	21	24	22	14	5	11	12	19	26	33	18	33	36	40	38	30	24	24	22	23	23	20	19	23
29	19	14	13	13	10	9	5	3	4	8	12	16	21	22	24	25	24	21	15	20	23	27	28	28	17
30	29	29	30	32	31	31	29	23	-	15	9	-	-	-	6	9	9	6	17	20	20	19	19	17	20
31	21	20	20	20	15	14	17	20	21	22	22	21	21	20	19	19	18	19	18	16	15	15	16	16	19
MEAN	17	18	18	18	19	18	18	15	16	18	20	22	23	26	24	22	21	20	19	18	18	17	17	17	19.0

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - APR 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	15	16	17	18	18	20	19	20	19	17	17	17	16	15	14	15	18	13	13	11	16	16	16	16
2	22	25	24	24	23	23	20	16	10	11	12	****	10	9	7	5	6	1	1	3	13	12	11	13	13
3	17	17	18	19	20	19	17	18	19	19	20	21	23	23	21	21	22	23	22	20	22	18	17	9	19
4	10	12	18	19	10	2	2	4	9	****	23	18	22	21	19	17	16	17	17	22	21	21	21	20	16
5	22	21	22	22	23	****	20	20	-	-	23	24	24	27	28	29	29	28	28	27	23	24	26	26	25
6	28	28	28	25	23	22	24	24	20	21	14	22	20	20	20	20	20	21	22	23	22	21	22	22	22
7	22	22	22	22	21	21	20	20	20	21	22	22	21	21	21	21	21	20	21	21	15	18	20	14	20
8	10	9	4	10	14	15	15	19	19	14	19	21	23	22	23	24	25	25	20	17	20	22	22	22	18
9	24	26	24	24	20	18	19	19	18	20	21	11	21	20	20	20	19	20	19	17	18	18	19	20	20
10	20	21	21	21	21	20	19	19	20	22	24	24	24	22	23	22	21	20	23	22	21	19	18	17	21
11	18	20	16	20	22	12	18	22	22	24	28	27	25	25	22	21	21	22	19	15	18	19	21	24	21
12	26	26	25	27	28	31	29	26	22	24	50	56	24	19	18	12	11	13	12	12	14	9	11	15	23
13	22	20	25	29	29	28	28	27	28	28	28	23	12	13	20	20	23	26	19	20	20	22	24	22	23
14	24	27	28	28	26	23	19	15	13	10	9	10	13	12	12	14	18	10	11	11	5	7	5	15	15
15	15	10	19	26	26	26	24	23	23	21	22	21	20	18	17	16	14	13	13	13	11	10	11	13	18
16	13	13	14	16	17	17	18	18	19	18	18	20	18	18	18	19	18	****	16	18	****	18	15	14	17
17	14	18	18	17	18	18	17	16	20	22	25	26	25	-	-	22	23	22	23	23	20	23	22	25	21
18	24	27	25	24	26	23	26	26	24	27	28	****	-	-	23	23	23	23	22	15	21	19	23	24	24
19	28	24	25	24	25	24	21	25	25	27	31	34	32	30	30	29	29	29	23	6	1	8	1	4	22
20	16	13	17	26	27	24	23	11	12	28	30	47	34	33	35	37	38	35	31	26	28	26	22	28	27
21	31	21	6	9	16	22	30	23	31	29	29	24	25	25	21	28	26	23	18	16	19	19	18	15	22
22	12	12	17	18	21	21	22	25	26	25	25	30	29	28	28	28	28	28	25	22	22	22	19	19	23
23	19	19	20	19	17	20	22	24	26	29	30	31	29	26	16	25	29	30	31	30	27	21	15	27	24
24	21	8	13	27	30	22	18	21	22	24	28	33	41	41	45	57	60	57	57	50	37	46	37	37	35
25	44	52	48	47	46	****	43	33	21	25	30	28	31	34	33	33	35	46	46	41	39	34	32	31	37
26	30	30	28	25	22	19	19	17	19	25	31	31	28	25	22	21	14	13	12	14	15	14	17	18	21
27	17	17	17	17	18	19	18	18	18	18	19	16	16	18	18	18	17	18	18	19	17	18	17	18	18
28	18	18	19	19	20	19	19	19	19	19	18	19	16	17	15	14	15	14	14	15	16	15	13	9	17
29	12	13	14	11	13	14	16	16	19	19	20.	22	23	24	23	21	24	26	27	26	23	18	14	10	19
30	17	19	18	17	16	15	11	3	13	16	17	18	18	18	17	18	20	21	19	20	20	19	18	17	17
MEAN	20	20	20	22	22	20	21	20	20	22	24	25	23	22	22	22	23	23	21	20	19	19	18	19	21 1

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 1.D PERCENTAGE OF DATA UNAVAILABLE - D 8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - MAY 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	18	17	17	17	16	16	18	20	20	20	21	23	23	23	22	29	30	11	17	22	23	20	20
2	21	23	22	20	21	9	7	15	20	27	31	32	33	32	30	30	29	28	29	32	32	26	26	29	25
3	31	29	32	29	28	24	21	14	17	18	15	23	23	19	****	36	22	24	19	19	19	19	19	19	23
4	17	15	16	16	14	14	13	16	15	15	16	17	17	16	17	17	-	18	20	21	18	18	18	17	17
5	20	18	17	20	20	20	22	20	23	24	27	31	28	27	27	28	29	26	26	23	23	22	19	21	23
6	20	12	4	1	2	6	17	22	25	26	29	30	32	31	30	32	33	31	30	31	31	27	27	32	23
7	33	33	33	32	30	28	23	23	27	29	50	39	46	51	58	63	69	68	66	63	58	62	61	63	46
8	62	58	53	49	44	35	29	29	36	41	48	55	57	57	56	59	69	94	96	82	74	68	63	62	57
9	56	44	40	37	40	40	33	33	29	30	30	35	50	28	31	38	27	29	24	16	15	19	20	23	32
10	21	22	21	21	20	17	13	12	11	11	11	10	10	12	14	13	13	12	10	10	10	12	12	13	14
11	14	16	17	17	15	12	6	7	7	9	27	41	48	57	53	53	64	62	49	44	49	46	46	43	33
12	27	26	25	17	15	13	14	15	17	19	19	20	22	19	22	16	19	18	18	19	16	12	12	13	18
13	6	16	15	15	18	17	16	21	24	27	28	27	29	31	29	31	32	32	29	29	26	25	26	27	24
14	22	23	20	26	22	24	24	22	28	30	34	39	40	39	37	38	37	38	32	27	22	19	23	22	29
15	21	19	16	18	21	20	12	19	27	29	28	23	20	20	19	19	22	29	27	19	21	18	18	19	21
16	18	16	15	14	12	12	14	16	17	18	18	20	22	****	45	23	24	22	22	22	21	17	19	21	19
17	-	19	14	****	14	12	12	21	25	26	31	35	28	12	38	35	37	40	39	35	30	34	39	43	28
18	42	42	42	40	36	30	27	37	39	39	44	44	46	25	49	59	58	51	30	29	36	48	43	49	41
19	53	51	47	50	46	46	43	41	41	47	54	61	66	67	70	65	56	54	50	49	56	60	54	48	53
20	54	56	57	53	44	42	30	18	20	24	24	31	34	30	30	22	15	26	27	27	28	27	25	26	32
21	****	21	23	32	30	27	18	8	9	13	18	17	15	14	15	19	19	19	21	22	21	22	17	14	19
22	17	15	19	16	18	16	18	23	32	31	32	36	33	29	26	24	26	23	26	23	21	22	23	****	24
23	26	25	22	17	12	16	11	17	21	25	27	29	29	29	28	25	26	22	24	24	23	21	22	24	23
24	23	21	22	21	21	23	22	24	25	25	26	26	25	25	26	25	27	26	23	22	20	19	21	22	23
25	21	22	21	21	-	****	18	20	21	21	49	23	21	22	22	22	22	21	22	21	21	25	24	26	23
26	27	29	31	31	28	28	28	25	23	24	23	22	21	19	18	16	15	15	16	12	10	11	11	13	21
27	7	3	10	9	9	11	8	14	17	17	23	26	27	28	28	29	32	30	29	25	24	23	20	19	20
28	18	18	20	21	19	19	17	16	17	17	20	23	18	1	15	16	19	17	16	15	13	14	11	17	17
29	17	18	21	23	23	17	19	22	22	23	21	21	25	25	23	21	22	25	24	22	19	9	6	12	20
30	18	15	14	13	9	10	9	13	25	33	37	40	37	31	35	36	31	30	29	20	22	27	21	23	24
31	22	17	17	17	6	2	6	10	32	42	43	43	42	41	41	41	42	44	39	42	33	30	16	0	28
MEAN	26	25	24	24	22	20	18	20	23	25	29	30	31	29	32	31	32	32	30	28	27	27	25	26	26.5

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - JUN 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	3	9	24	28	41	54	48	44	****	-	-	45	43	42	41	39	36	34	34	32	31	30
2	21	17	17	15	13	13	12	14	18	22	27	30	30	32	34	33	30	30	33	35	34	34	32	32	25
3	30	30	34	35	31	32	31	33	34	34	30	31	30	30	30	30	30	31	30	29	30	33	30	29	31
4	29	32	32	29	25	26	39	40	45	42	45	51	45	83	55	63	68	67	56	29	27	30	34	33	43
5	21	19	18	17	17	19	18	19	20	49	18	-	19	20	20	20	20	23	23	22	9	3	2	11	19
6	17	17	12	14	14	11	15	15	21	23	26	27	29	55	49	27	27	24	27	27	27	23	14	21	23
7	30	35	36	41	36	29	22	21	33	37	54	73	77	71	70	73	76	81	84	80	73	65	64	62	55
8	60	60	58	56	56	45	35	27	35	20	40	46	49	50	35	35	27	28	34	32	31	30	28	24	39
9	20	19	20	23	23	23	20	17	16	17	14	12	13	13	18	17	15	12	10	10	10	12	18	30	17
10	41	47	51	54	54	51	49	44	37	34	33	35	35	37	48	50	39	36	15	10	12	16	16	19	36
11	19	18	19	17	16	14	13	12	11	11	5	12	13	13	11	12	12	-	-	15	12	11	10	13	13
12	13	13	10	8	9	9	6	11	14	17	16	18	20	21	18	19	19	20	****	22	22	18	17	14	15
13	15	15	17	16	11	14	15	19	23	26	24	22	20	21	22	22	19	24	22	28	28	24	23	23	21
14	24	29	29	25	****	18	****	****	42	45	44	51	54	55	45	69	71	85	88	92	93	89	87	85	58
15	79	75	74	72	68	61	53	54	51	57	****	****	60	58	60	64	61	63	60	57	57	53	47	49	61
16	57	60	58	63	57	49	56	47	43	40	30	37	43	42	41	40	39	37	39	39	32	31	31	43	44
17	40	60	67	70	70	68	66	59	60	57	60	53	43	11	14	16	16	19	21	23	27	26	28	28	42
18	29	23	18	20	18	14	16	19	19	21	****	23	24	-	19	45	41	40	39	19	6	7	4	5	21
19	1	7	0	0	0	1	2	6	24	34	32	31	32	33	33	31	30	27	30	34	28	11	3	10	18
20	17	33	38	36	24	19	22	24	33	42	46	48	52	60	60	64	73	75	70	69	73	73	67	69	49
21	69	64	60	58	52	46	39	34	33	32	37	43	47	51	53	56	60	73	80	79	64	58	50	48	54
22	46	47	49	49	45	38	30	21	16	15	59	50	13	14	11	6	-	3	4	5	5	5	6	7	24
23	8	9	10	11	10	9	9	9	10	9	9	9	9	10	11	13	13	14	14	15	16	16	17	17	12
24	18	16	****	15	15	16	16	****	18	19	19	21	22	22	19	19	21	17	18	19	16	13	8	9	17
25	8	11	9	9	7	7	13	16	24	29	22	32	29	28	27	23	-	23	25	24	23	21	14	15	19
26	20	24	22	25	25	25	22	23	28	39	44	47	50	50	****	47	46	44	26	9	8	19	42	60	32
27	62	59	64	61	54	57	41	40	34	27	23	25	20	19	18	16	17	16	17	21	16	10	10	12	31
28	14	17	16	12	9	9	10	10	12	21	24	27	31	27	28	34	34	32	30	25	20	21	20	19	21
29	19	12	6	3	9	10	8	20	30	31	43	35	34	36	33	22	24	25	31	27	26	30	34	-	24
30	26	45	50	46	46	47	42	35	35	31	32	34	33	33	32	-	28	30	27	25	25	27	27	30	34
MEAN	28	30	31	30	28	27	26	26	29	31	32	34	34	36	33	35	36	36	35	32	29	28	27	29	30.9

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE ND 77016 ASH ST WATER TANK, SUDBURY MONTH - JUL 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	30	34	38	42	41	32	39	40	38	35	31	25	28	29	25	22	21	10	8	8	10	13	14	27
2	13	12	11	12	12	11	11	10	11	14	15	15	14	13	13	13	14	15	15	16	16	15	15	15	13
3	15	14	16	18	15	13	16	15	17	15	****	16	16	16	17	15	14	15	17	18	14	13	13	12	15
4	16	16	17	18	17	11	13	15	17	12	****	17	16	16	14	14	13	13	13	13	13	13	13	15	15
5	13	14	16	16	15	15	15	15	14	15	16	****	20	17	17	17	16	15	16	17	19	19	18	9	16
6	14	16	16	15	12	9	12	14	46	17	18	21	22	22	20	21	21	25	25	22	15	16	13	12	19
7	20	19	19	16	13	12	14	20	18	25	34	35	35	34	34	31	30	29	32	34	33	36	32	31	27
8	33	30	30	30	27	24	22	23	27	36	40	40	38	44	45	50	44	48	53	52	49	51	48	47	39
9	49	52	54	45	25	15	12	18	30	56	57	61	58	57	56	50	54	54	61	65	62	57	59	59	49
10	53	49	46	46	46	33	24	23	24	34	58	-	63	74	71	62	60	60	62	62	63	61	56	51	51
11	59	50	52	44	44	33	13	10	31	50	59	62	56	50	45	47	46	44	43	43	46	43	36	41	44
12	40	38	36	35	33	26	24	22	25	28	27	29	22	22	24	25	24	25	26	28	25	26	24	25	27
13	29	28	28	30	29	22	18	19	21	18	14	27	28	34	33	31	29	29	36	36	32	29	25	20	27
14	25	18	13	16	18	23	34	39	44	55	59	59	51	54	71	73	80	71	66	66	66	62	57	56	49
15	52	46	44	35	28	24	16	17	27	33	34	36	35	32	29	29	22	25	24	30	30	32	31	28	31
16	27	24	17	13	12	9	8	9	10	11	12	12	12	34	10	15	13	13	10	10	9	10	11	14	14
17	15	16	15	15	15	12	10	-	18	19	18	19	22	20	19	19	19	20	19	15	7	4	15	5	15
18	7	14	13	3	4	6	9	15	18	23	22	25	24	23	18	18	15	19	16	15	17	16	17	21	16
19	21	22	21	21	21	14	13	18	25	27	34	38	36	26	23	26	33	34	29	34	21	22	30	34	26
20	41	41	32	30	35	30	24	28	36	38	33	40	41	41	50	50	38	28	31	31	31	31	28	32	35
21	****	42	42	40	33	36	38	45	45	47	49	46	43	41	45	42	48	51	48	52	55	52	52	64	46
22	85	82	81	77	73	65	-	61	50	40	39	40	22	19	20	21	23	22	21	20	17	14	15	16	40
23	****	17	16	15	13	9	9	10	23	55	77	78	72	49	72	79	86	86	86	79	75	82	79	80	54
24	81	78	76	75	78	73	66	62	66	70	69	62	59	59	59	55	56	56	48	56	55	53	51	51	63
25	54	56	50	37	26	18	12	9	8	44	11	14	17	21	22	22	4	3	4	5	6	6	7	9	19
26	8	8	7	7	7	8	9	7	10	10	11	13	14	15	14	13	13	13	15	12	9	8	4	4	10
27	2	7	7	7	2	2	3	8	14	19	23	22	20	-	17	19	20	21	19	17	11	15	14	10	13
28	14	19	23	23	22	19	17	18	27	27	26	26	25	26	26	19	19	23	24	19	8	9	5	3	19
29	8	8	12	17	16	17	14	19	25	30	37	28	22	22	26	27	26	31	28	25	26	29	18	20	22
30	26	25	24	23	19	17	5	7	26	31	37	37	38	36	37	31	31	29	29	29	21	26	35	35	27
31	45	50	48	35	36	36	33	25	28	31	31	24	26	22	20	20	21	19	19	16	15	15	16	17	27
MEAN	31	30	30	27	25	22	18	21	26	31	34	34	32	32	32	32	31	31	30	30	28	28	27	27	28.8

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE ND 77016 ASH ST WATER TANK, SUDBURY MONTH - AUG 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	20	19	16	17	17	13	13	14	27	49	20	22	23	26	24	28	25	23	21	17	14	11	14	21
2	12	14	17	15	15	13	8	8	10	9	12	13	13	12	15	17	19	21	26	27	25	24	26	27	17
3	29	28	28	30	27	26	23	31	38	45	45	43	44	45	47	46	46	47	43	50	47	52	50	50	40
4	45	50	48	45	39	33	20	20	22	20	23	26	26	27	25	24	24	27	36	41	39	36	36	41	32
5	38	40	37	34	32	34	30	30	29	28	23	19	15	12	10	11	10	10	11	9	10	12	14	11	21
6	12	12	12	13	14	14	13	13	16	17	19	18	21	20	19	20	19	21	23	20	15	15	16	17	17
7	20	20	21	22	23	18	15	25	10	14	25	24	****	24	22	22	17	17	20	18	14	15	14	14	19
8	17	16	15	17	17	13	14	11	16	16	15	15	14	13	13	12	12	12	12	13	9	8	7	6	13
9	6	7	11	10	8	4	2	9	14	19	20	21	20	****	****	16	21	22	18	18	17	19	18	24	15
10	23	31	34	32	28	24	20	16	19	46	23	22	15	13	13	11	8	9	10	10	9	10	11	11	19
11	11	11	10	6	4	6	8	11	13	15	15	15	15	16	17	18	18	19	20	17	1	4	1	3	11
12	6	0	0	2	12	14	13	18	22	24	25	24	24	26	25	26	27	26	25	22	18	18	19	20	18
13	19	20	18	19	17	10	6	8	30	39	25	33	34	35	38	34	33	36	36	35	19	25	24	20	26
14	18	13	12	11	9	6	5	6	6	6	8	8	8	8	8	7	7	7	-	7	7	8	9	10	8
15	10	11	11	10	10	10	10	9	8	2	3	12	12	11	11	10	10	11	13	14	13	12	7	9	10
16	12	11	7	10	2	2	3	7	11	18	20	20	21	17	16	16	18	17	15	15	14	16	12	12	13
17	14	17	17	17	14	11	5	13	24	28	14	33	30	29	21	28	28	24	32	29	28	32	31	30	23
18	29	35	34	33	30	25	19	21	20	15	16	16	23	22	21	17	26	24	24	20	15	15	10	10	22
19	7	8	9	9	10	11	7	6	8	12	19	21	21	18	17	17	19	20	21	14	16	16	9	6	13
20	10	10	10	6	1	1	1	1	5	11	19	30	29	21	17	16	17	16	13	9	3	1	2	1	10
21	8	9	13	14	13	12	8	11	12	11	11	15	20	21	22	21	23	23	18	5	3	1	0	0	12
22	0	2	5	10	10	4	3	5	13	22	25	27	27	27	26	24	25	19	18	3	5	6	5	9	13
23	15	20	18	19	22	18	14	15	14	18	18	18	14	18	12	12	11	12	12	8	13	16	24	28	16
24	24	30	27	31	35	33	28	26	26	26	30	47	35	36	37	33	34	36	39	38	44	42	40	30	34
25	19	14	16	18	20	17	15	13	13	13	12	12	13	13	13	12	12	12	11	10	10	10	10	11	13
26	8	9	7	6	5	5	8	9	16	21	23	23	26	25	27	22	17	17	15	14	10	8	4	8	14
27	11	11	7	16	6	2	1	2	14	19	21	22	22	27	24	27	27	20	13	6	12	12	12	12	14
28	14	12	12	12	11	6	5	4	8	13	16	16	22	25	27	22	23	25	23	18	16	15	7	11	15
29	18	30	33	37	38	35	26	19	17	10	24	28	25	28	28	28	25	24	23	23	23	26	24	24	26
30	20	25	27	27	26	21	16	20	18	21	15	13	12	10	10	11	12	11	13	12	6	8	8	9	15
31	7	9	9	6	8	6	3	5	21	12	15	17	18	17	16	18	15	14	15	14	17	22	17	9	13
MEAN	16	18	18	18	17	15	12	13	16	19	20	22	21	21	21	20	20	20	21	18	16	17	15	16	17.9

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	13	19	21	25	24	21	28	35	41	47	55	57	58	58	59	63	67	62	69	70	75	80	83	48
2	75	81	77	71	64	57	47	40	34	32	31	30	32	34	33	26	21	23	29	27	25	20	20	11	39
3	4	5	7	8	10	12	12	10	11	12	12	14	13	13	13	14	13	11	10	8	7	7	8	8	10
4	7	8	9	11	9	****	****	****	4	10	17	20	9	17	17	18	18	18	18	16	18	17	13	12	14
5	15	17	18	19	16	12	11	19	27	38	45	50	48	50	56	58	62	66	60	45	43	44	36	43	37
6	43	31	32	24	23	22	19	22	27	27	26	25	26	15	9	7	9	10	8	7	8	8	11	11	19
7	12	10	10	9	10	9	7	8	34	11	10	11	12	15	16	14	12	11	10	10	9	12	10	5	12
8	6	8	9	9	9	8	8	9	10	13	13	15	14	15	15	16	15	14	15	14	13	11	12	10	12
9	14	10	14	12	12	13	15	17	20	21	23	24	26	28	26	28	32	32	29	30	30	34	34	37	23
10	39	43	41	39	34	29	27	19	14	8	8	9	9	10	10	10	10	11	12	11	13	10	10	9	18
11	10	10	11	10	11	8	6	6	10	14	16	16	17	16	15	-	13	11	6	6	8	9	20	33	12
12	34	33	33	33	30	30	29	28	28	26	19	21	20	20	18	16	15	14	10	6	8	7	15	25	22
13	24	28	34	35	33	28	20	3	10	23	27	31	34	29	30	42	32	28	12	11	11	14	13	13	24
14	11	9	11	10	10	10	9	7	22	9	9	10	9	7	7	6	7	6	7	6	6	6	6	5	9
15	9	10	8	9	10	9	8	10	11	11	12	13	13	13	14	15	14	15	14	12	11	11	8	4	11
16	2	4	2	2	1	2	1	3	5	8	10	12	14	15	17	14	16	17	15	12	12	15	13	17	10
17	25	24	26	26	24	23	25	23	26	31	22	36	35	33	33	35	44	53	60	57	58	55	52	49	36
18	52	54	60	61	61	55	39	36	30	29	23	16	12	8	4	4	5	7	8	****	12	12	13	14	27
19	15	16	16	16	10	8	10	8	****	****	19	19	17	14	14	12	11	****	14	14	13	14	14	15	14
20	11	14	16	20	16	11	4	2	9	14	17	21	25	23	19	19	21	16	16	8	5	5	11	9	14
21	13	13	14	13	13	10	8	7	6	6	6	8	10	10	10	11	11	10	10	7	****	8	7	5	9
22	6	6	5	6	4	5	6	7	9	11	12	11	10	10	10	10	12	10	2	0	0	0	0	0	6
23	0	0	0	0	0	0	0	0	3	10	14	17	19	17	17	17	17	18	15	10	10	15	14	9	9
24	8	6	14	2	0	0	0	1	5	23	18	22	23	21	23	26	29	29	26	26	24	23	25	28	17
25	28	27	29	27	25	18	18	14	18	22	25	25	21	19	18	18	19	20	19	21	20	20	15	15	21
26	18	19	19	14	9	12	10	12	12	15	8	15	17	15	18	15	16	15	12	9	6	6	3	3	12
27	5	2	2	9	12	9	2	3	15	24	30	39	42	46	51	58	62	66	57	67	74	69	61	54	36
28	50	51	51	47	46	35	13	20	17	42	58	64	61	60	57	59	63	64	65	64	62	55	61	54	51
29	39	13	8	7	8	9	7	6	5	4	5	5	6	8	10	13	13	9	7	19	45	50	48	42	16
30	28	40	42	41	47	49	46	42	38	28	27	25	22	20	20	20	23	21	19	17	16	15	18	15	28
MEAN	21	20	21	20	19	18	15	14	17	19	20	23	22	22	22	23	23	24	22	21	22	22	22	21	20.6

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. ***** INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	16	16	15	13	11	****	****	****	13	16	18	19	20	21	16	18	11	10	11	11	11	11	11	14
2	12	14	14	13	14	10	10	12	14	16	16	16	15	16	15	14	14	13	12	12	14	12	13	12	13
3	14	15	15	15	14	10	7	5	3	5	5	5	4	2	6	5	7	7	6	7	8	9	13	16	8
4	19	18	18	18	18	16	15	14	14	15	17	19	17	18	14	15	14	9	1	1	1	3	6	5	13
5	6	10	11	12	10	7	8	8	7	10	****	****	13	16	12	9	8	7	5	4	2	10	11	11	9
6	11	12	14	15	15	13	11	10	9	11	11	16	16	15	18	18	16	16	15	9	10	9	9	6	13
7	5	6	6	6	7	7	8	8	9	10	9	10	10	10	11	12	12	14	14	14	13	14	16	16	10
8	15	-	16	17	16	17	16	18	19	19	20	20	19	20	18	18	14	14	12	10	7	10	10	14	16
9	16	15	13	12	12	12	11	10	12	7	-	****	15	14	16	16	17	19	13	6	9	10	5	8	12
10	11	10	-	-	-	****	2	2	8	12	14	17	20	17	18	15	15	16	14	8	12	13	14	18	13
11	16	17	19	20	19	15	16	1:	10	13	15	14	15	15	****	10	9	9	7	12	18	18	17	18	14
12	18	18	17	16	15	15	13	13	****	****	****	****	****	****	13	14	14	12	12	9	8	7	9	7	13
13	3	4	6	7	9	6	6	7	10	10	12	13	13	12	12	12	12	12	9	9	12	12	12	11	10
14	12	13	13	15	16	15	15	13	14	15	15	16	16	20	19	19	18	17	16	17	18	17	17	18	16
15	17	17	17	17	16	12	5	-	12	****	13	14	15	16	15	15	14	13	9	10	10	6	5	3	12
16	10	10	5	4	6	5	2	0	8	13	16	-	20	19	18	17	17	14	13	12	14	9	4	3	10
17	6	6	3	9	2	1	0	-	-	1	46	5	7	7	8	8	8	8	8	9	4	3	1	1	7
18	0	1	2	1	0	0	0	0	1	1	6	11	14	14	13	11	10	4	0	2	1	1	2	4	4
19	4	12	9	8	8	8	11	10	11	****	14	14	13	****	12	17	19	20	21	21	21	21	15	18	14
20	18	17	17	15	15	16	8	9	3	7	7	12	11	13	14	14	12	14	16	15	17	18	17	17	13
21	18	17	19	20	18	17	16	15	15	15	15	15	16	17	17	16	15	9	8	2	3	7	14	18	14
22	17	18	21	6	3	8	5	2	7	13	14	15	15	18	22	25	25	23	26	27	30	34	34	32	18
23	32	28	27	28	23	13	6	6	14	19	14	13	11	7	4	3	2	2	4	3	2	3	4	4	11
24	6	8	8	5	7	8	10	11	****	10	12	13	****	13	13	****	****	****	****	****	-	-	****	17	******
25	18	17	17	18	18	18	17	18	18	18	18	19	16	15	14	14	15	14	17	16	17	17	15	15	17
26	17	15	14	17	18	16	18	17	****	17	16	17	17	17	16	15	17	18	17	18	0	18	20	20	16
27	21	20	21	21	17	15	13	12	13	13	11	10	10	11	10	10	7	8	10	14	15	12	11	12	13
28	10	13	15	17	16	16	15	13	12	12	11	11	11	11	10	8	10	10	11	10	11	11	10	12	12
29	11	11	13	12	11	10	9	7	8	10	10	8	11	11	13	13	13	12	12	11	14	13	10	10	11
30	11	13	12	14	14	13	10	7	4	7	9	10	11	10	11	7	4	4	8	10	10	9	8	9	9
31	10	9	10	12	10	9	6	2	3	5	32	21	7	6	7	5	2	0	0	3	14	8	9	4	8
MEAN	13	13	14	14	13	11	10	9	10	11	15	14	14	14	14	13	13	12	11	10	11	12	11	12	12.1

PERCENTAGE OF DATA VALID - 95.0 PERCENTAGE OF DATA INVALID - 3.5 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. ****** INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - NOV 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	17	16	11	11	9	11	8	7	9	12	15	17	15	14	15	17	14	13	16	17	15	14	10	13
2	10	8	10	11	14	15	12	8	10	14	12	10	13	13	16	14	12	11	13	10	13	13	14	11	12
3	12	16	19	18	18	17	15	12	11	14	10	12	12	12	14	15	15	11	9	9	9	10	10	-	13
4	11	11	12	14	16	15	16	14	14	13	14	15	16	15	15	16	15	15	15	14	12	17	11	8	14
5	12	20	13	12	14	4	3	0	1	3	5	10	11	6	19	17	9	13	14	6	7	6	1	0	9
6	0	2	7	8	9	8	6	3	1	2	3	4	4	4	4	5	4	6	7	8	9	11	11	12	6
7	11	13	13	12	11	12	13	13	16	17	15	13	11	15	10	7	7	8	10	11	10	9	6	7	11
8	15	15	14	13	14	-	****	15	15	16	11	8	10	9	9	10	9	10	11	10	11	12	12	13	12
9	13	14	16	14	14	10	4	2	3	7	****	****	****	****	****	****	****	7	8	-	9	7	10	11	9
10	12	10	11	10	8	10	7	8	10	9	10	9	9	9	10	10	11	11	11	13	13	11	9	7	10
11	11	10	-	11	14	12	12	12	12	12	14	15	-	14	15	14	10	4	2	2	2	0	0	0	9
12	0	0	0	-	0	2	3	3	4	5	8	11	12	14	16	16	12	5	14	15	16	16	17	17	9
13	17	17	18	18	16	15	12	8	5	9	7	32	9	9	8	9	5	6	7	7	9	7	9	11	11
14	13	15	15	16	15	11	10	8	8	4	10	11	13	14	14	9	6	2	0	1	2	6	2	4	9
15	5	8	8	8	3	3	3	1	0	1	2	6	8	8	10	10	11	13	13	13	15	14	15	14	8
16	14	14	12	13	13	14	13	11	14	7	12	15	16	19	19	19	19	18	16	12	13	10	10	10	14
17	11	9	11	11	11	11	10	8	7	5	4	5	9	11	11	9	10	10	5	4	2	2	2	2	8
18	1	0	0	0	6	9	9	8	9	9	11	12	11	11	11	9	6	3	3	3	4	5	3	4	6
19	7	9	8	10	8	8	8	4	1	2	2	3	4	10	15	13	5	6	5	4	5	3	15	19	7
20	18	18	16	15	14	14	12	10	6	7	10	11	11	11	12	11	10	10	8	8	8	9	7	9	11
21	9	8	8	10	11	12	9	3	3	6	22	45	5	5	5	3	3	-	4	4	5	5	3	4	8
22	5	6	6	6	6	5	5	3	2	5	5	5	6	7	5	6	5	5	5	4	5	5	5	5	5
23	5	5	5	4	4	2	1	0	0	0	1	0	2	5	8	9	9	14	17	14	12	8	8	8	6
24	7	-	10	11	10	10	9	7	8	9	12	14	14	14	17	18	19	17	15	11	11	****	7	3	12
25	1	3	4	5	6	10	9	2	3	4	5	5	6	9	8	5	3	3	4	4	4	4	6	8	5
26	9	10	10	10	9	7	6	3	1	2	1	9	17	17	12	9	10	10	12	14	16	16	13	11	10
27	9	9	11	12	11	11	12	11	10	9	10	8	10	11	14	11	12	12	13	9	8	12	10	7	11
28	9	12	13	1	0	1	14	6	5	2	5	10	12	13	14	12	9	9	9	9	9	10	9	10	8
29	10	9	9	10	8	7	8	9	9	9	9	10	11	11	11	9	-	****	10	12	12	13	14	15	10
30	13	15	16	17	17	17	16	12	11	13	12	23	12	13	13	13	13	14	15	15	12	13	12	9	14
MEAN	9	10	11	11	10	10	9	7	7	7	9	12	10	11	12	11	10	10	10	9	9	9	9	9	9.6

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - DEC 79

HOUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	10	10	9	7	9	8	7	7	8	12	13	11	11	10	****	7	7	7	7	8	8	8	9	9
2	11	12	12	12	11	11	11	12	12	16	15	15	14	13	13	14	12	11	10	12	11	13	14	15	13
3	15	18	19	19	18	14	15	13	15	12	16	15	17	16	17	0	****	15	13	11	8	7	8	9	13
4	10	11	11	11	11	8	8	10	10	11	10	11	11	10	10	10	9	5	8	11	12	11	10	12	10
5	11	12	13	15	16	15	11	6	4	48	5	10	11	14	13	12	11	13	14	15	13	8	9	7	13
6	10	10	9	9	9	8	7	5	4	6	7	6	7	7	6	6	6	4	4	5	12	12	12	12	8
7	14	14	15	15	16	15	12	3	2	3	5	4	5	5	5	5	4	4	7	8	9	9	11	11	8
8	12	13	12	13	15	14	13	11	11	10	12	11	10	10	12	12	10	9	****	9	10	12	10	9	11
9	10	11	12	13	13	11	6	12	17	15	13	9	11	11	11	8	8	9	9	9	11	10	7	8	11
10	7	10	5	6	10	10	7	6	5	6	8	9	8	7	1	6	6	5	4	5	6	6	3	2	6
11	1	1	3	7	8	9	5	3	2	2	4	4	4	3	3	2	0	2	8	6	9	7	7	7	4
12	5	7	7	8	10	10	11	10	10	****	11	10	11	11	10	10	9	8	9	10	11	11	10	10	10
13	10	12	13	14	13	13	12	10	7	8	11	11	10	9	9	7	5	3	3	2	4	4	2	2	8
14	2	2	5	6	8	6	7	4	6	5	6	7	9	****	11	10	7	1	0	0	2	5	2	0	5
15	0	0	2	7	8	8	11	16	20	20	20	20	18	17	15	13	13	14	15	15	13	13	12	12	13
16	9	7	7	7	10	11	11	11	12	12	11	12	11	12	12	12	13	14	13	13	13	13	9	10	11
17	9	11	14	12	13	14	9	5	3	9	8	10	12	11	5	7	6	8	6	5	9	11	13	12	9
18	12	11	12	11	12	11	9	3	2	9	10	10	10	7	6	6	1	2	6	7	7	8	8	8	8
19	8	8	10	12	13	11	10	7	7	8	8	8	8	8	8	5	1	0	0	0	1	3	3	3	6
20	2	1	2	5	8	6	4	1	2	3	5	6	4	3	3	1	0	0	0	0	0	0	1	1	2
21	1	1	2	3	1	0	0	0	0	0	1	2	2	2	1	1	0	1	1	1	1	0	0	1	1
22	1	2	3	3	4	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1
23	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0
24	0	1	3	5	7	7	5	4	4	2	2	2	2	3	3	3	4	5	6	6	7	7	7	7	4
25	7	7	7	6	7	7	7	8	8	8	8	8	8	11	11	10	10	11	11	11	10	11	10	10	9
26	11	11	11	11	12	12	12	11	11	11	12	12	12	11	11	12	11	7	9	9	10	11	10	10	11
27	10	11	11	11	11	12	12	10	9	9	10	20	10	11	10	10	10	11	9	10	10	11	9	10	11
28	10	11	11	12	12	11	10	10	11	11	11	11	11	9	10	10	6	8	11	10	9	3	5	5	10
29	6	9	10	8	8	8	8	7	6	6	7	9	9	8	8	7	6	8	10	9	9	12	11	14	8
30	13	11	9	11	9	10	9	8	10	12	13	13	14	12	13	12	9	3	2	3	3	9	4	2	9
31	4	3	7	10	9	9	7	3	3	****	****	****	****	****	13	7	1	0	3	5	5	6	9	-	6
MEAN	7	8	9	9	10	9	8	7	7	9	9	9	9	9	8	7	6	6	7	7	8	8	7	7	8.0

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	10.7	20	38
FEB	28	13.1	24	63
MAR	31	19.0	24	74
APR	30	21.1	37	60
MAY	31	26.5	57	96
JUN	30	30.9	61	93
JUL	31	28.8	63	86
AUG	31	17.9	40	52
SEP	30	20.6	51	83
OCT	30	12.1	18	46
NOV	30	9.6	14	45
DEC	31	8.0	13	48
YEAR	361	18.3	63	96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - OZONE-CHEMILUMINESCENT UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	00 TO 10	11 TO 30	31 TO 50	51 TO 80	81 - 100	101- 120	121- 150	151&OVER	TOTAL
JAN	293	373	2	0	0	0	0	0	668
FEB	187	459	12	2	0	0	0	0	660
MAR	82	596	46	2	0	0	0	0	726
APR	41	614	46	6	0	0	0	0	707
MAY	36	509	137	50	3	0	0	0	735
JUN	74	333	177	105	10	0	0	0	699
JUL	70	400	159	98	8	0	0	0	735
AUG	173	491	75	1	0	0	0	0	740
SEP	225	346	78	60	2	0	0	0	711
OCT	263	438	6	0	0	0	0	0	707
NOV	390	309	2	0	0	0	0	0	701
DEC	492	240	1	0	0	0	0	0	733
YEAR	2326	5108	741	324	23	0	0	0	8522

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
				CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							
97.3	0	4.8	10.5	14.7	20.0	33.5	46.8	60.0	68.3	96	18.3

Date Due

Ontario. Ministry of the
Environment. Air Management Branch

Air quality monitoring report.
Ontario.
1979 Vol.4

TD
883.7
O57

DATE	ISSUED TO

LABORATORY & RESEARCH LIBRARY
MINISTRY OF THE ENVIRONMENT

PRINTED IN CANADA